

Fig. 1

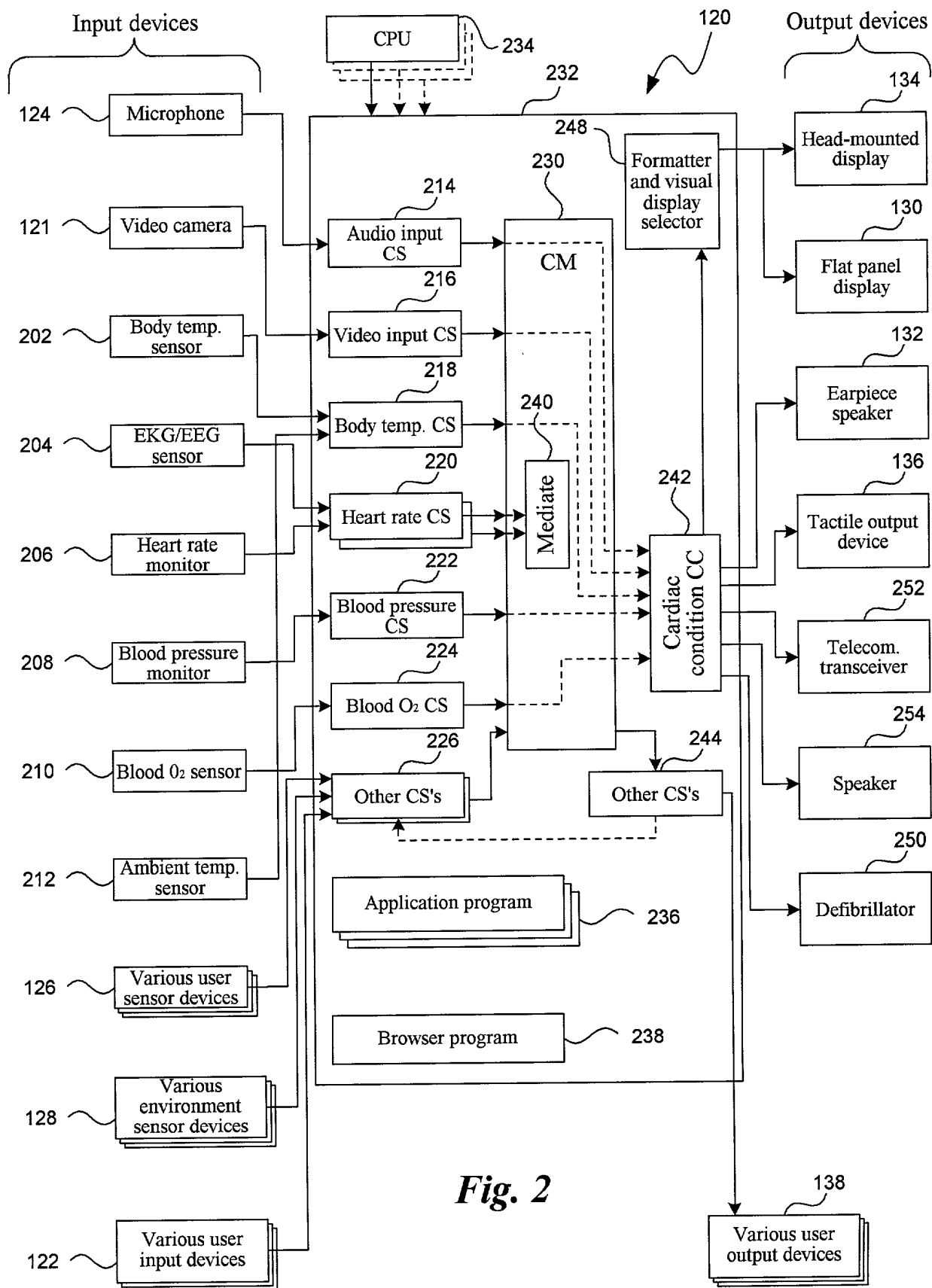


Fig. 2

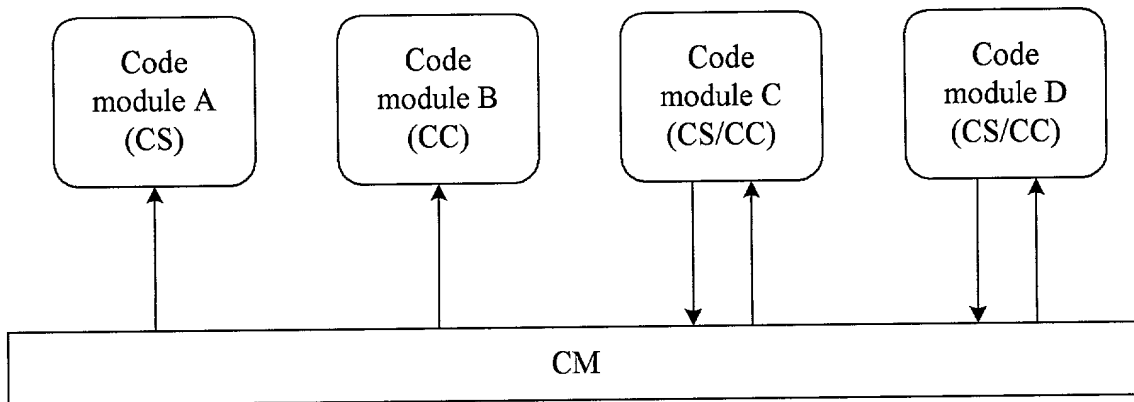


Fig. 3

300

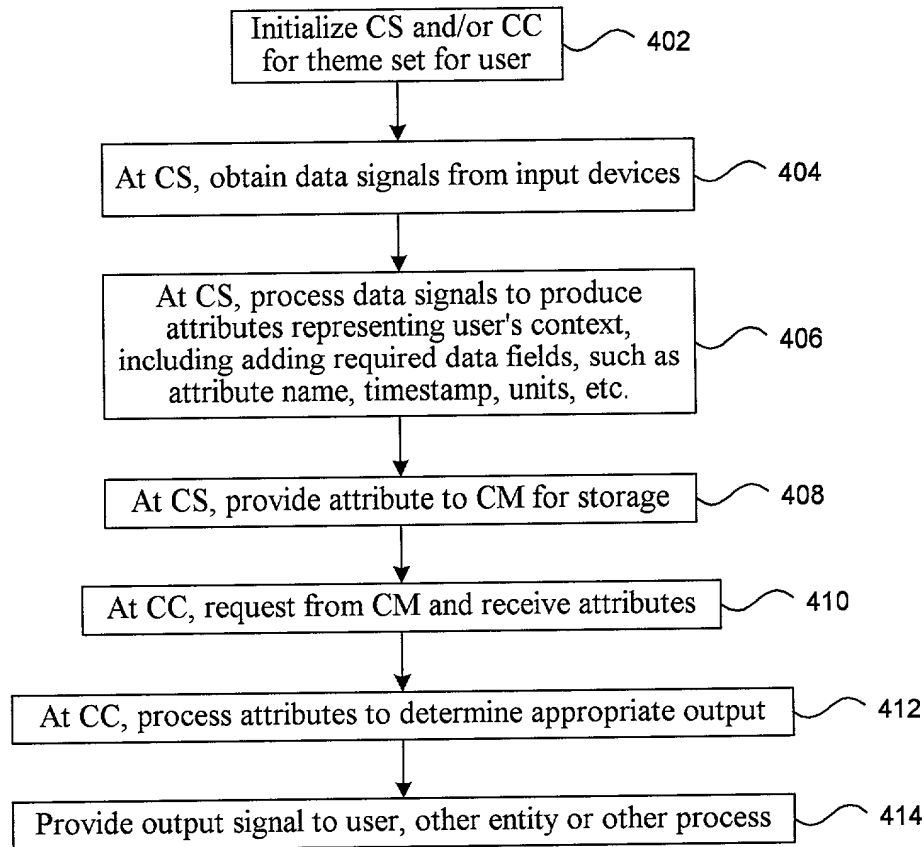


Fig. 4

400

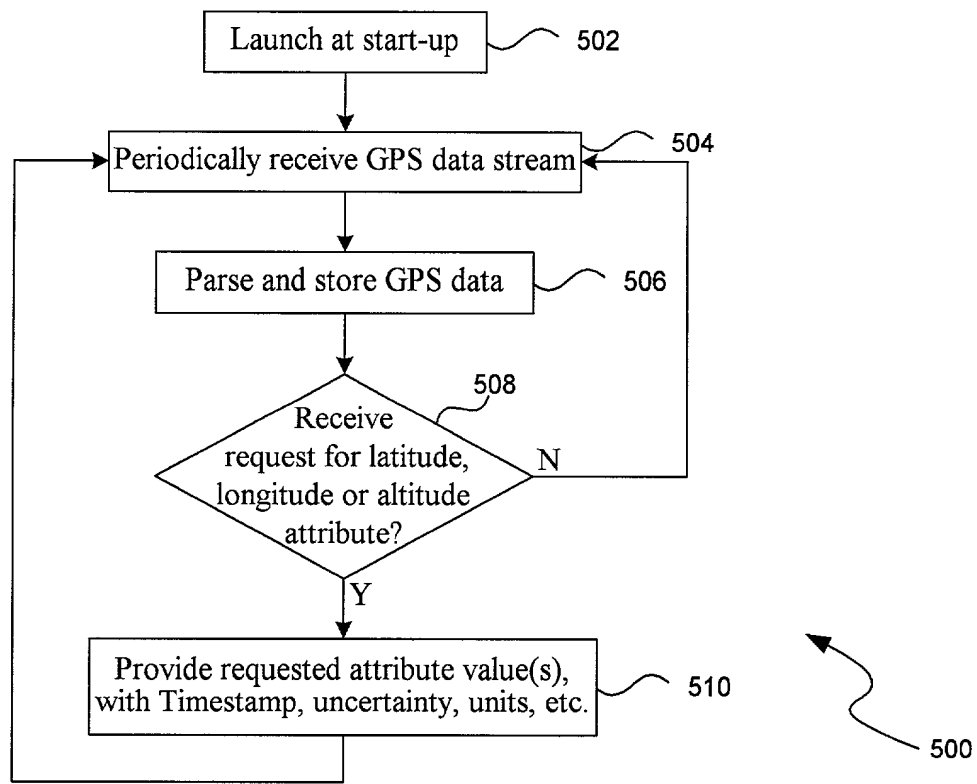


Fig. 5A

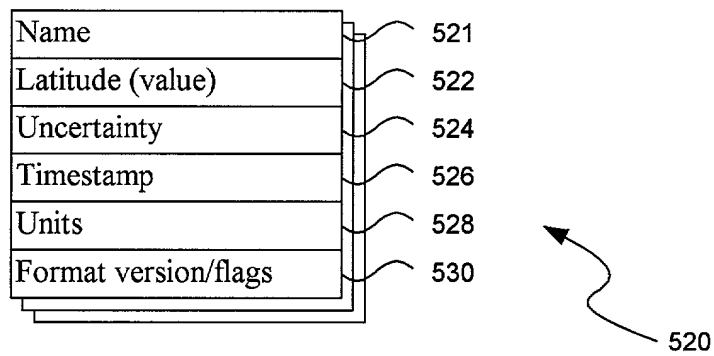


Fig. 5B

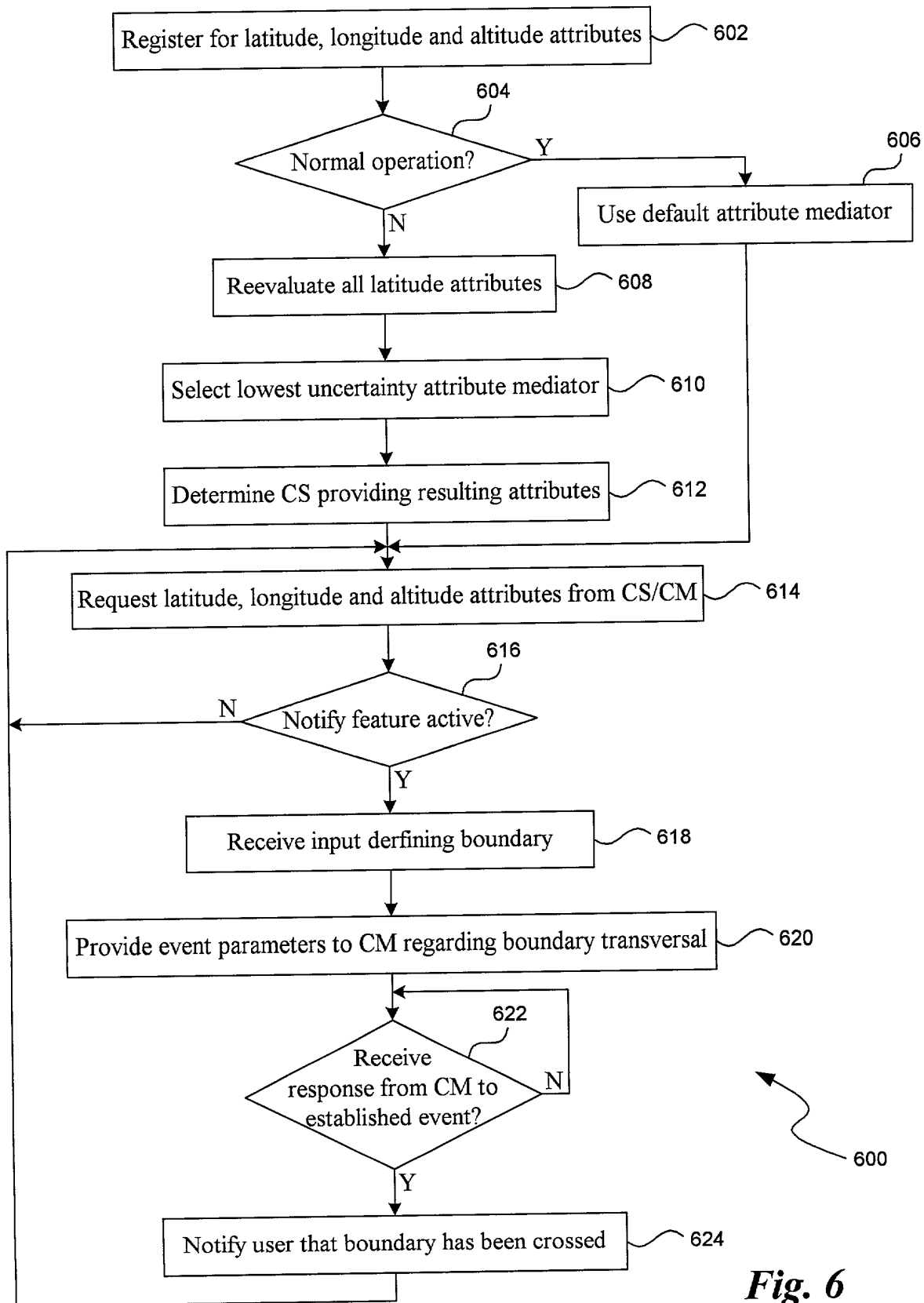


Fig. 6

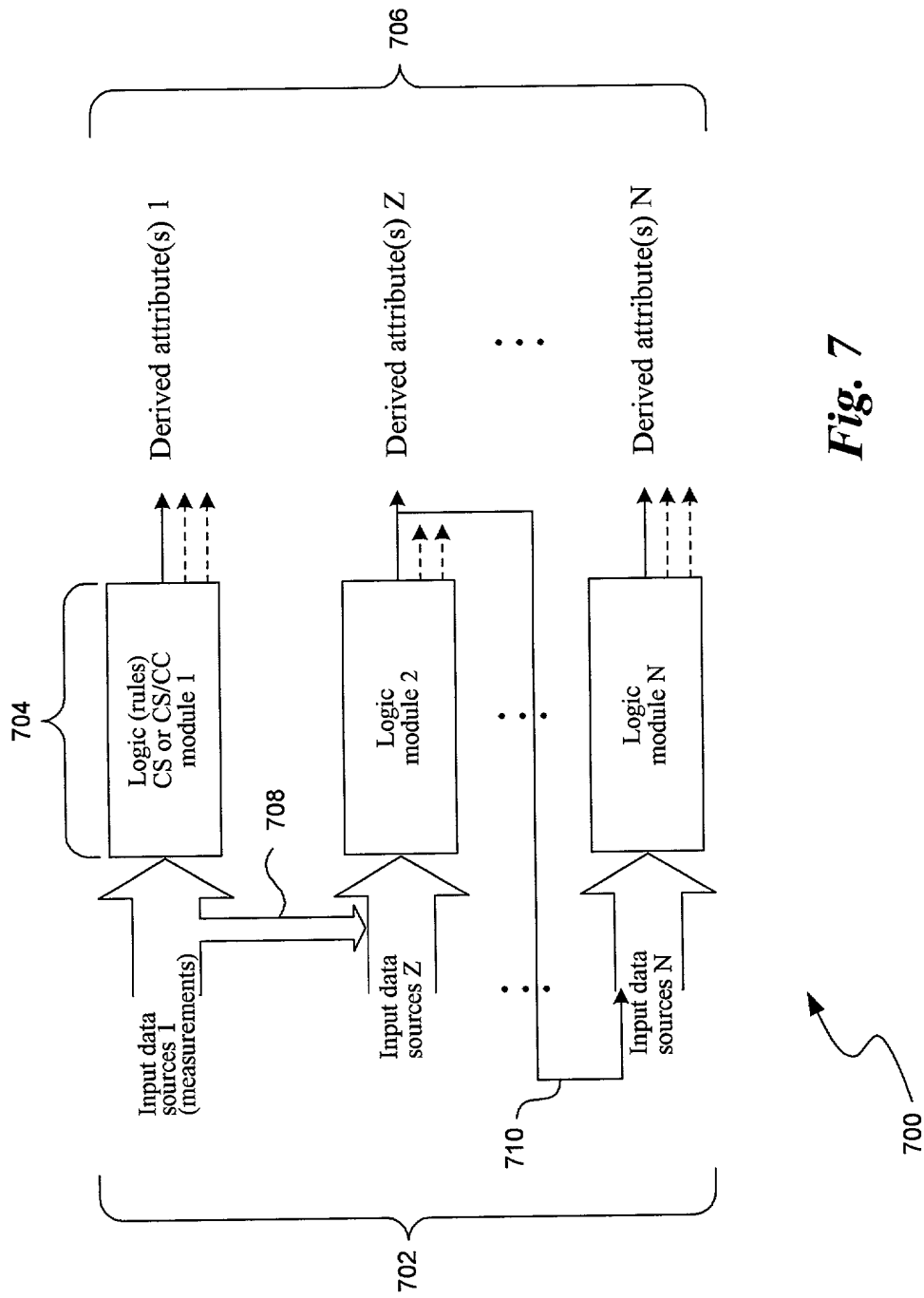


Fig. 7

User.

Desired_privacy_level
 Interruptibility
 Speed
 Direction
 Acceleration
 Availability.
 Cognitive_availability
 Tactile_availability
 Manual_availability
 Visual_availability
 Oral_availability
 Auditory_availability
 Proximity.<Item or place name>
 Mood.
 Happiness
 Sadness
 Anger
 Frustration
 Confusion
 Activity.
 Driving
 Eating
 Running
 Sleeping
 Talking
 Typing
 Walking
 Location.
 Place_name
 Latitude
 Longitude
 Altitude
 Room
 Floor
 Building
 Address
 Street
 City
 County
 State
 Country
 Postal_Code
 Destination. (same as User.Location.)
 Physiology.
 Pulse
 Body_temperature
 Blood_pressure
 Respiration

Person.<name or ID>. (same as User.)**Platform.**

UI.
 Oral_input_device_availability
 Manual_input_device_availability
 Tactile_output_device_availability
 Visual_output_device_availability
 Auditory_output_device_availability

Platform. (continued)

CPU.
 Load
 Speed
 Memory.
 Total_capacity
 Used
 Storage.
 Total_capacity
 Used
 Connectivity.
 Connection_status
 Connection_speed
 Connection_type/device
 Connection_activity
 Power.
 Power_source
 Power_level

Environment.

People.
 Nearest
 Number_present
 Number_close
 Local.
 Time
 Date
 Temperature
 Pressure
 Wind_speed
 Wind_direction
 Absolute_humidity
 High_forecast_temperature
 Low_forecast_temperature
 People_present
 Ambient_noise_level
 Ambient_light_level
 Days.<previous or future>.
 High_temperature
 Low_temperature
 Precipitation_type
 Precipitation_amount
 Place.<place name>. (same as Environment.Local)

Application.

Mail.
 Available
 New_messages_waiting
 Messages_waiting_to_be_sent
 Phone.
 Available
 In_use
 On/off
 Notification_mechanism
 Call_incoming
 Caller_ID
 Sound_recorder.
 Available
 Recording

Fig. 8

User Setting

- Mental Context
 - Meaning
 - Cognition
 - Divided User Attention
 - Task Switching
 - Background Awareness
- Solitude
- Privacy
 - Desired Privacy
 - Perceived Privacy
- Social Context
- Affect
- Physical Situation
 - Body
 - Biometrics
 - Posture
 - Motion
 - Physical Encumberment
 - Senses
 - Eyes
 - Ears
 - Tactile
 - Hands
 - Nose
 - Tongue
 - Workload demands/effects
 - Interaction with computer devices
 - Interaction with people
 - Physical Health
- Environment
 - Time/Space
 - Objects
 - Persons
 - Audience/Privacy Availability
 - Scope of Disclosure
 - Hardware affinity for privacy
 - Privacy Indicator for User
 - Privacy Indicator for Public
 - Watching Indicator
 - Being Observed Indicator
- Ambient Interference
 - Visual
 - Audio
 - Tactile

Computer

- Power
- Configuration
 - User Input Systems
 - Hand/Haptic
 - Keyboard/Keystrokes
 - Voice/Audio
 - Eye Tracking
 - Cursors
 - Axis
 - Resolution
 - Selection
 - Invocation
 - Accelerators
 - Output Systems
 - Visual
 - Resolution
 - Audio
 - Public/Private
 - Haptic
 - External Resources
 - I/O devices
 - Connectivity
- Data
 - Quantity/State
 - Urgency/Importance
 - Use of Prominence
 - Modality
 - Sensitivity/Purpose
 - Privacy Issues
 - Use of Association
 - Use of Safety
 - Source/Ownership
 - Types
 - User generated
 - Other computers or people
 - Sensor
 - PC State
 - Use of Association

Fig. 9

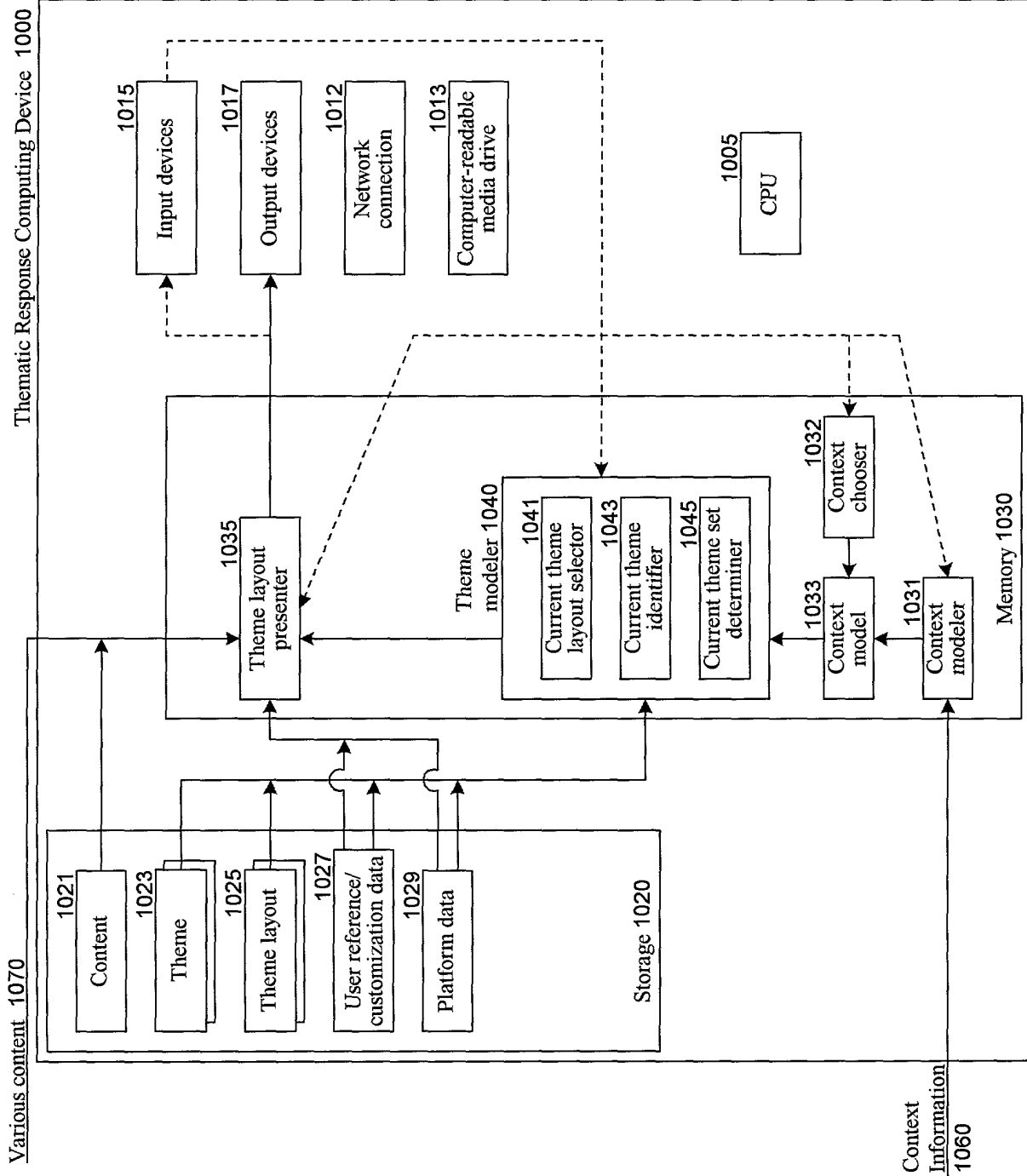


Fig. 10

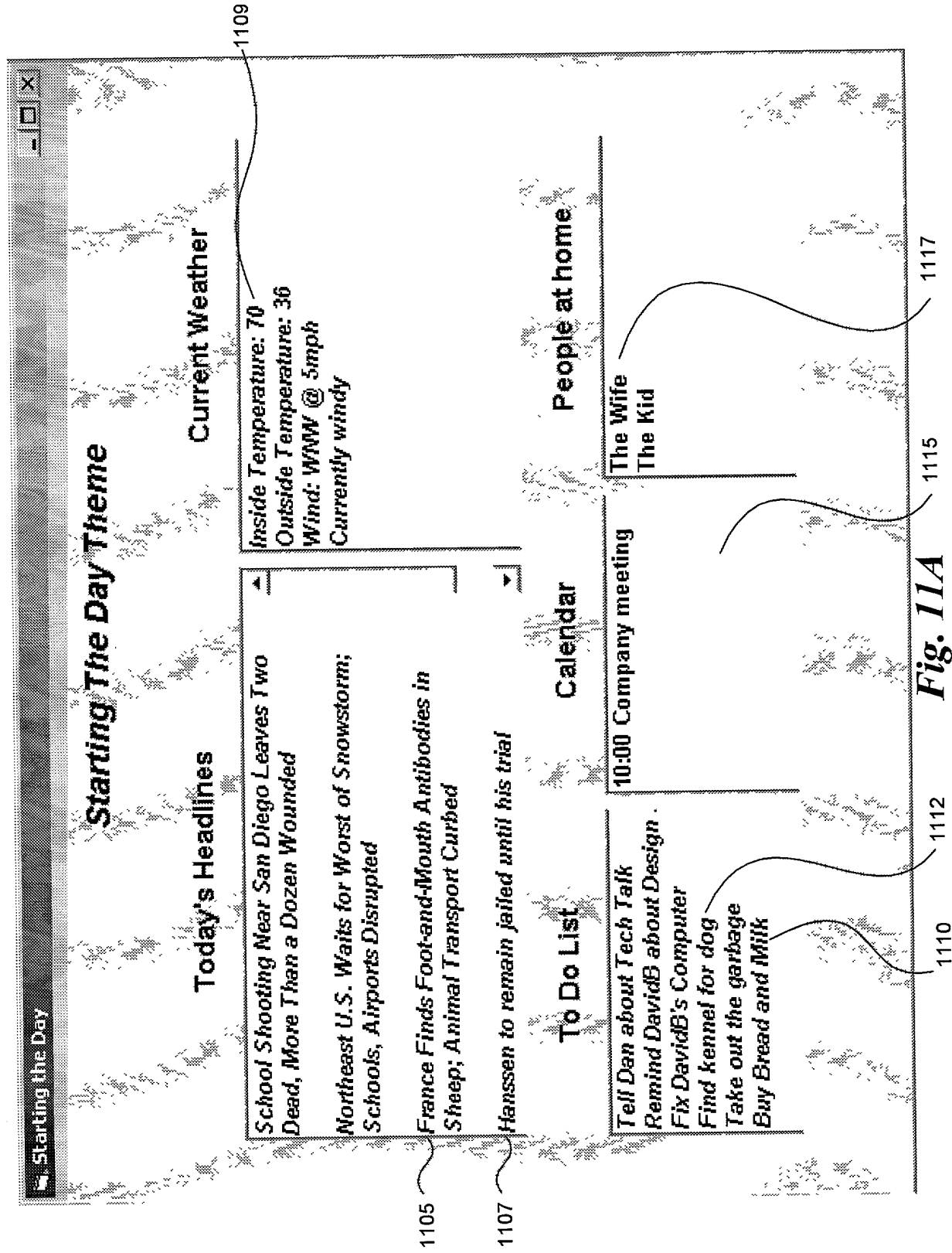


Fig. 1A

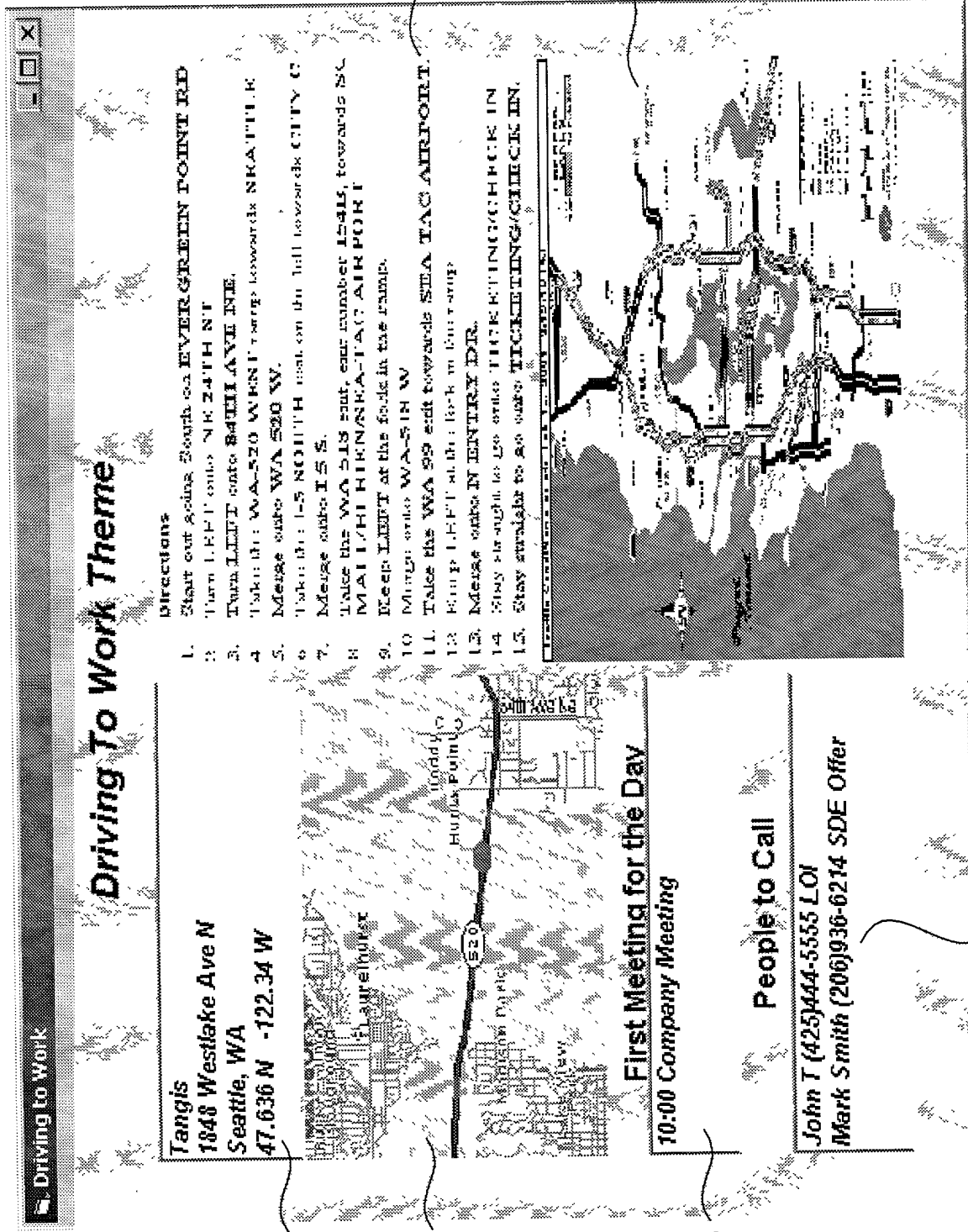


Fig. 11B

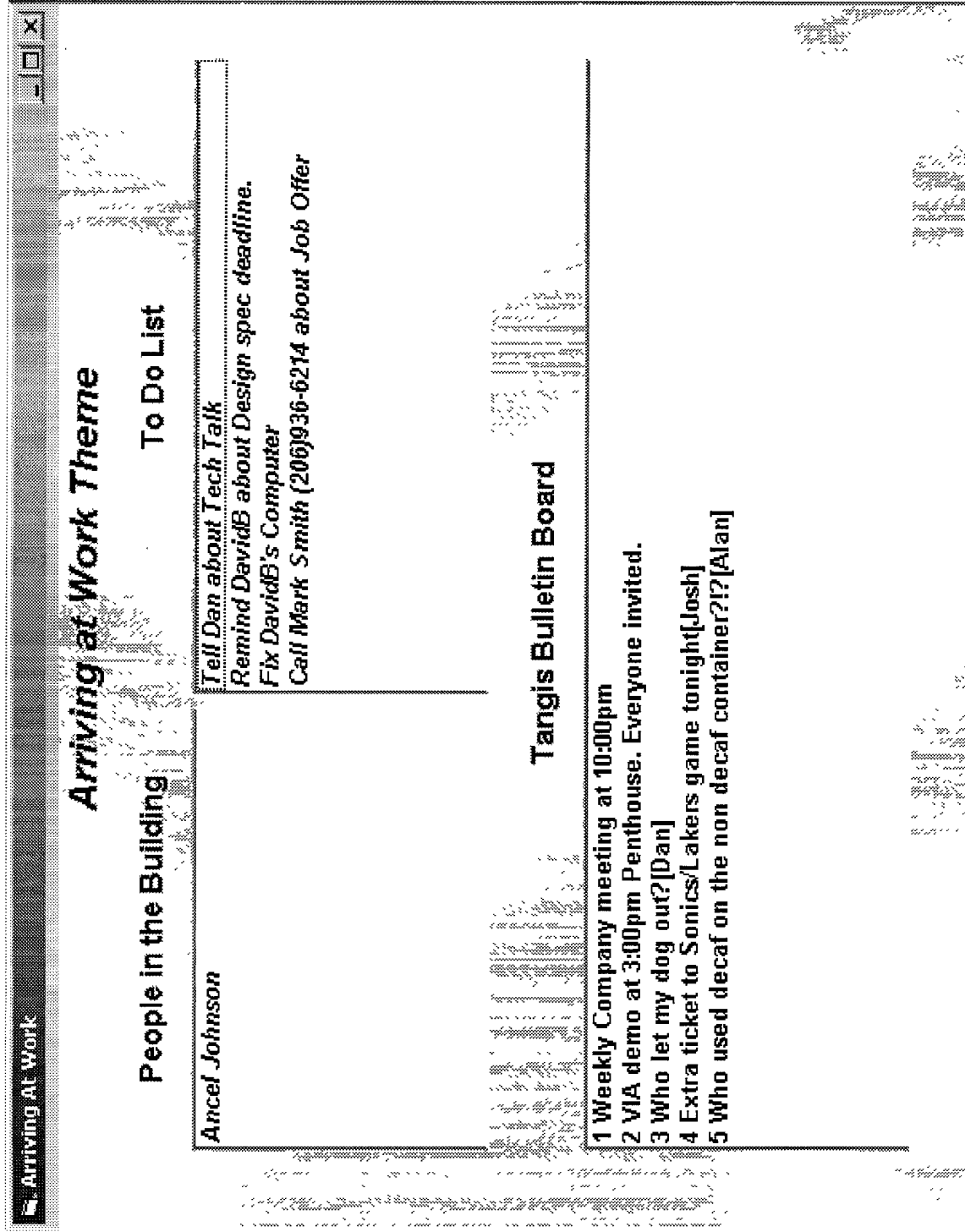


Fig. 11C

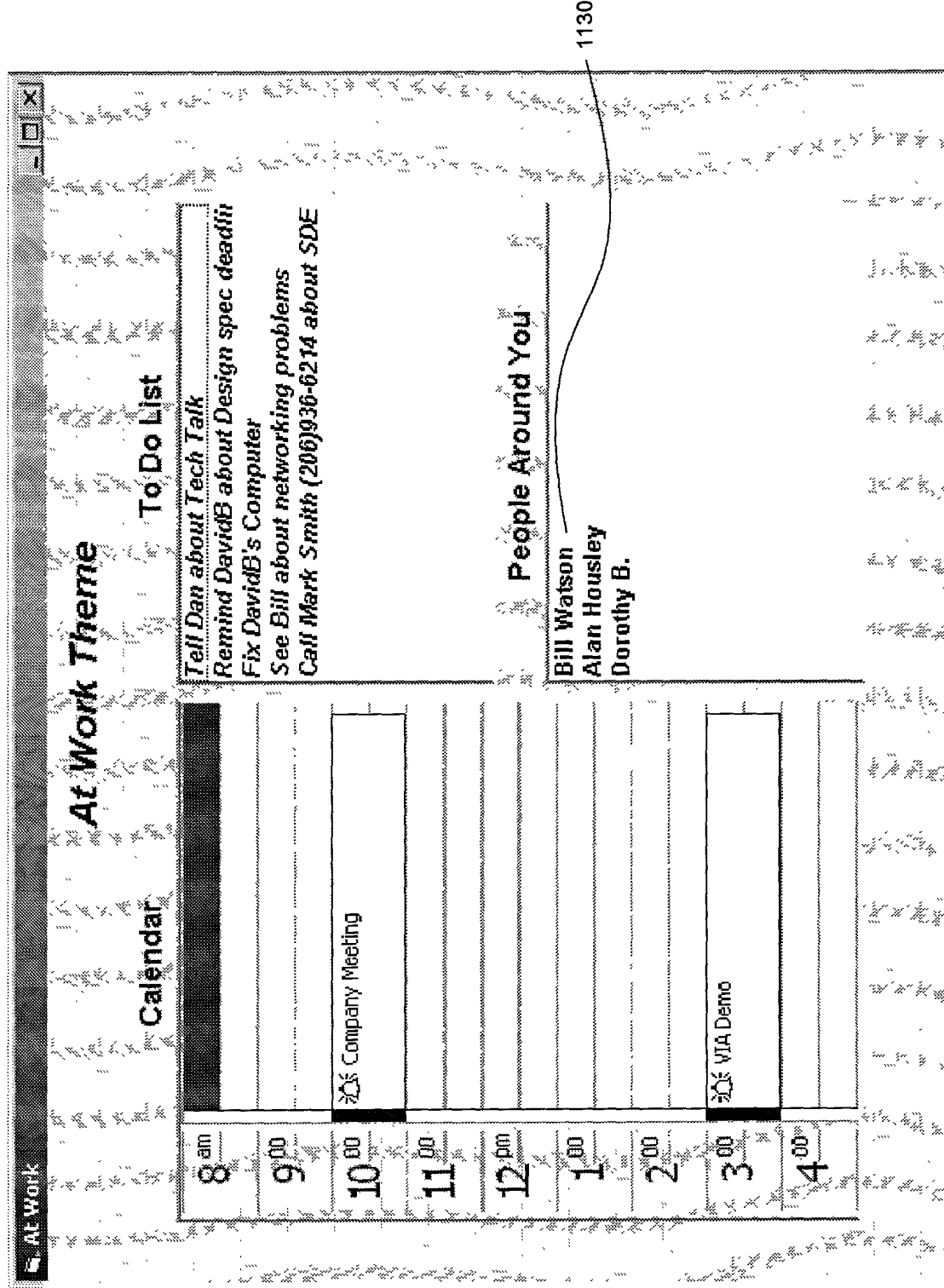


Fig. 11D

1135

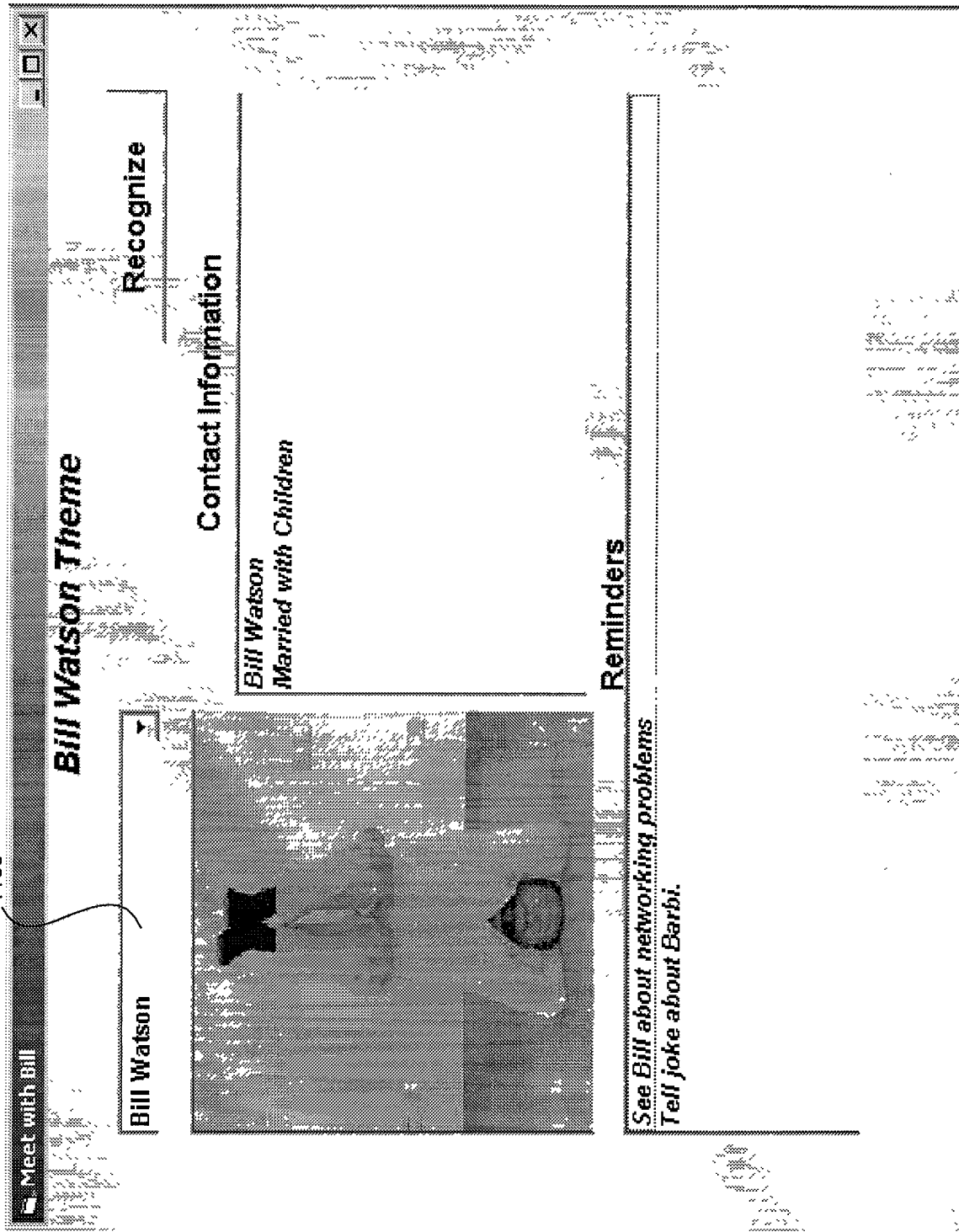


Fig. 11E

| Company Meeting | |
|--|---|
| Things to bring up Tell group what you did last week Tell group what you plan to do this week Tell group about your new invention. Tell group about your upcoming skiing trip. Kudos for Stan and Dorothy for finishing report | Meeting Theme People Present Aaron Graves Alan Housley Ancel Johnson Bill Watson Brian Rose Cesar Alvarez Dan Newell David Jukes Dorothy B. Jaquie T. Jeff Fried Jim Roberts Johnson A. Josh Freedman Kanisha Patel Ken Abbott Lisa Davis Molly Fitch Scott Price Stan Ement |
| Notes Finished coding Turing Machine on Monday. Did bug bash on Tuesday. Survived an earthquake on Wednesday. Worked on CTK demo rest of last week Continuing work on CTK demo rest of this week | 1137 |

Fig. 11F

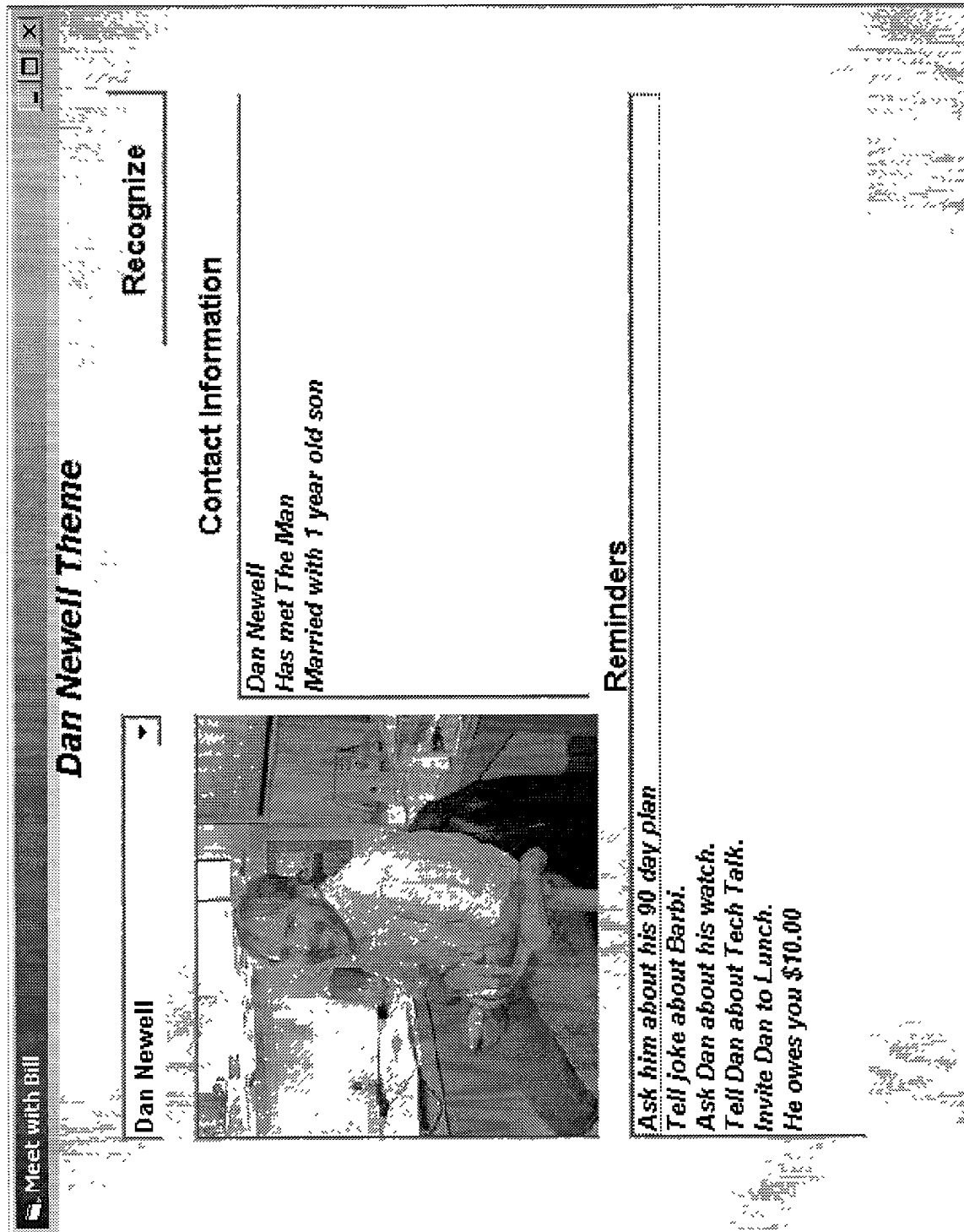


Fig. 11G

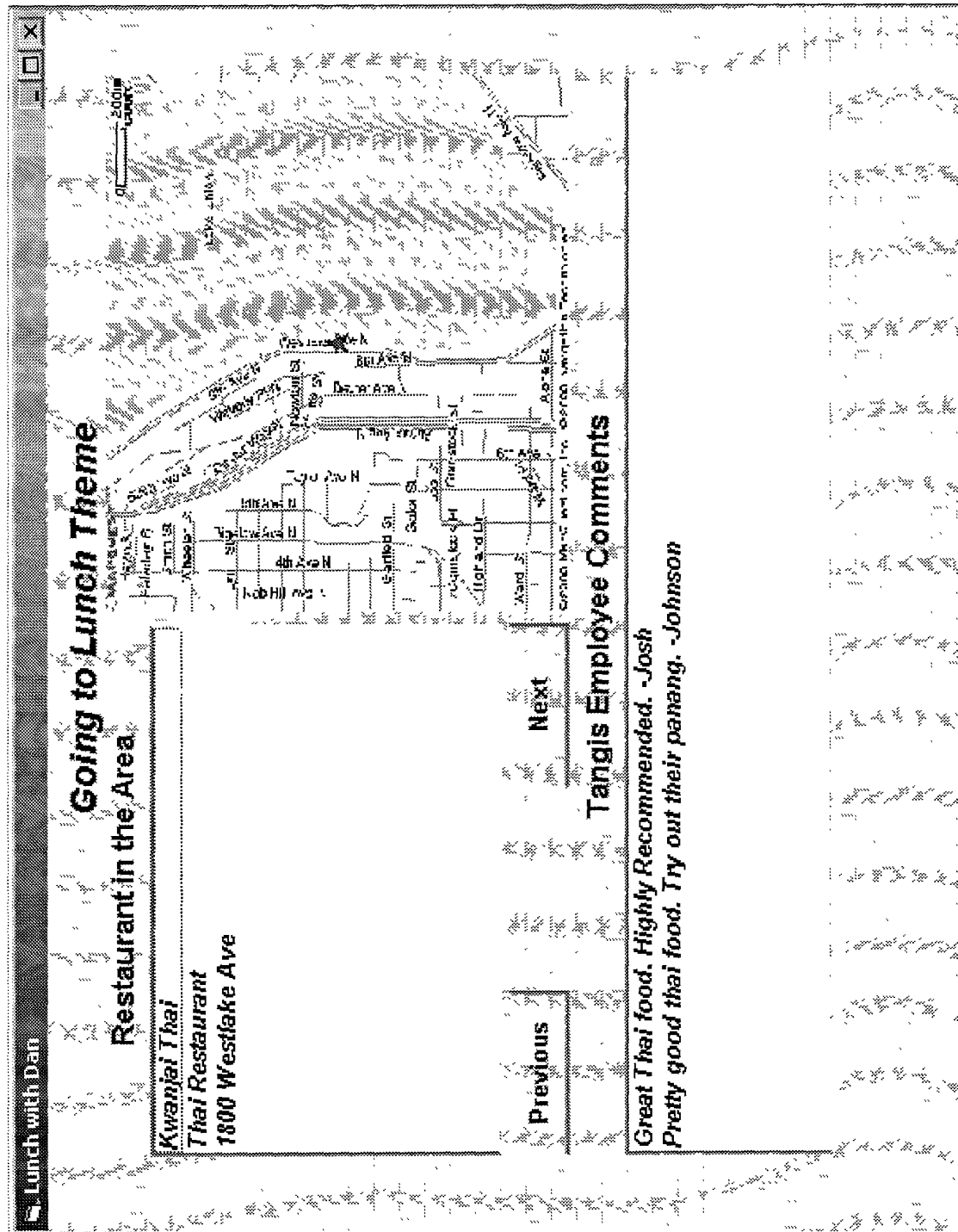


Fig. 11H

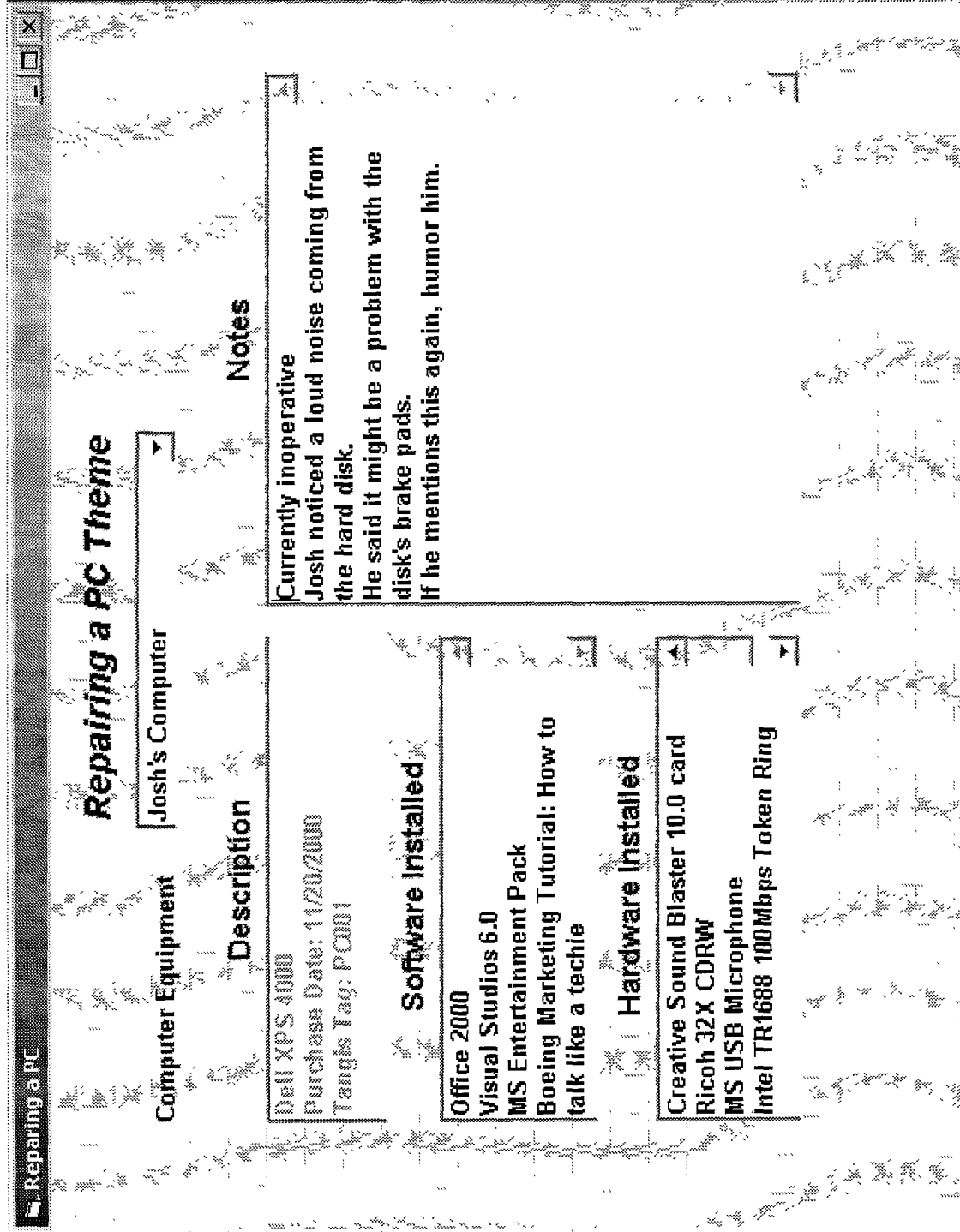


Fig. 111

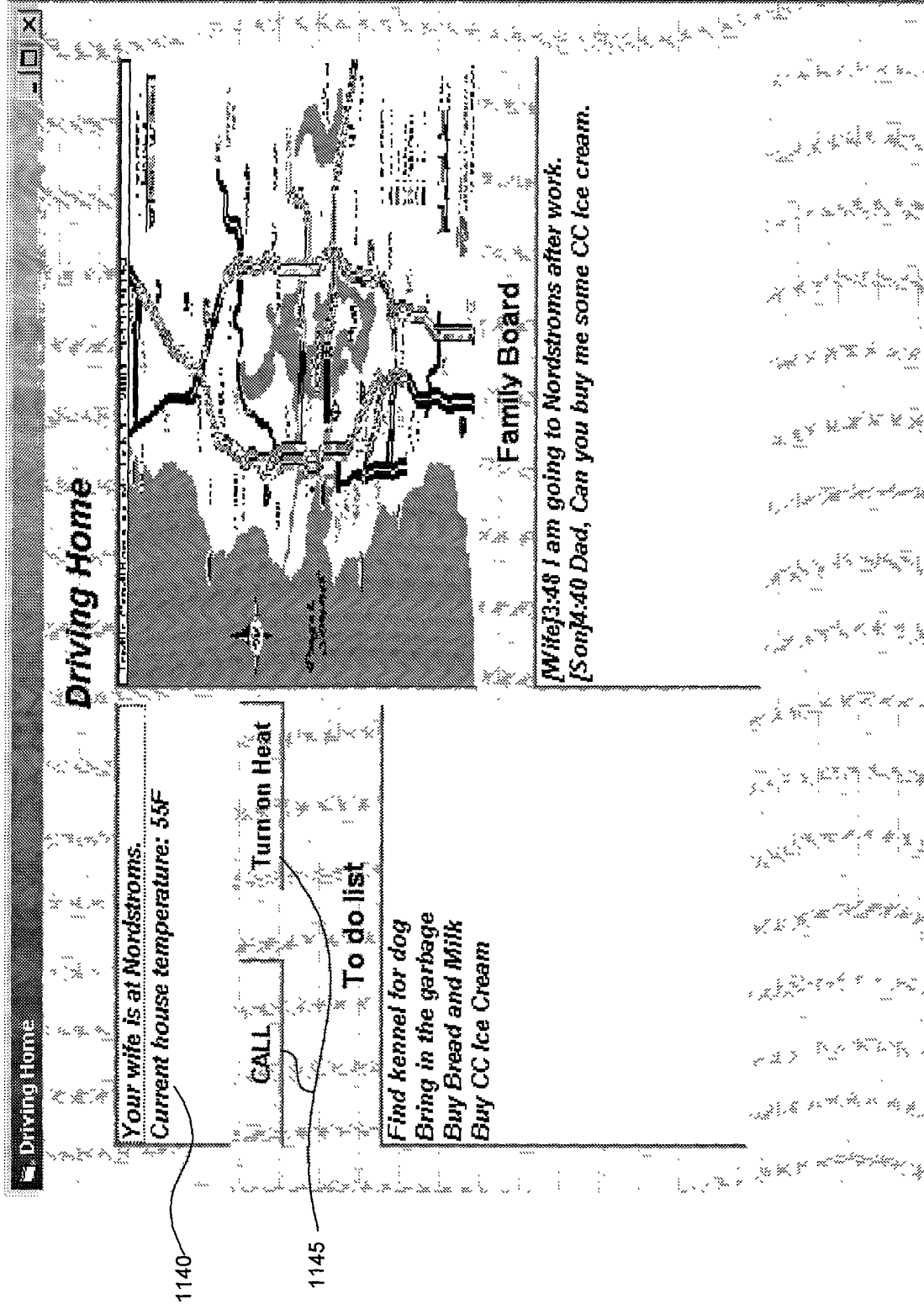


Fig. 11J

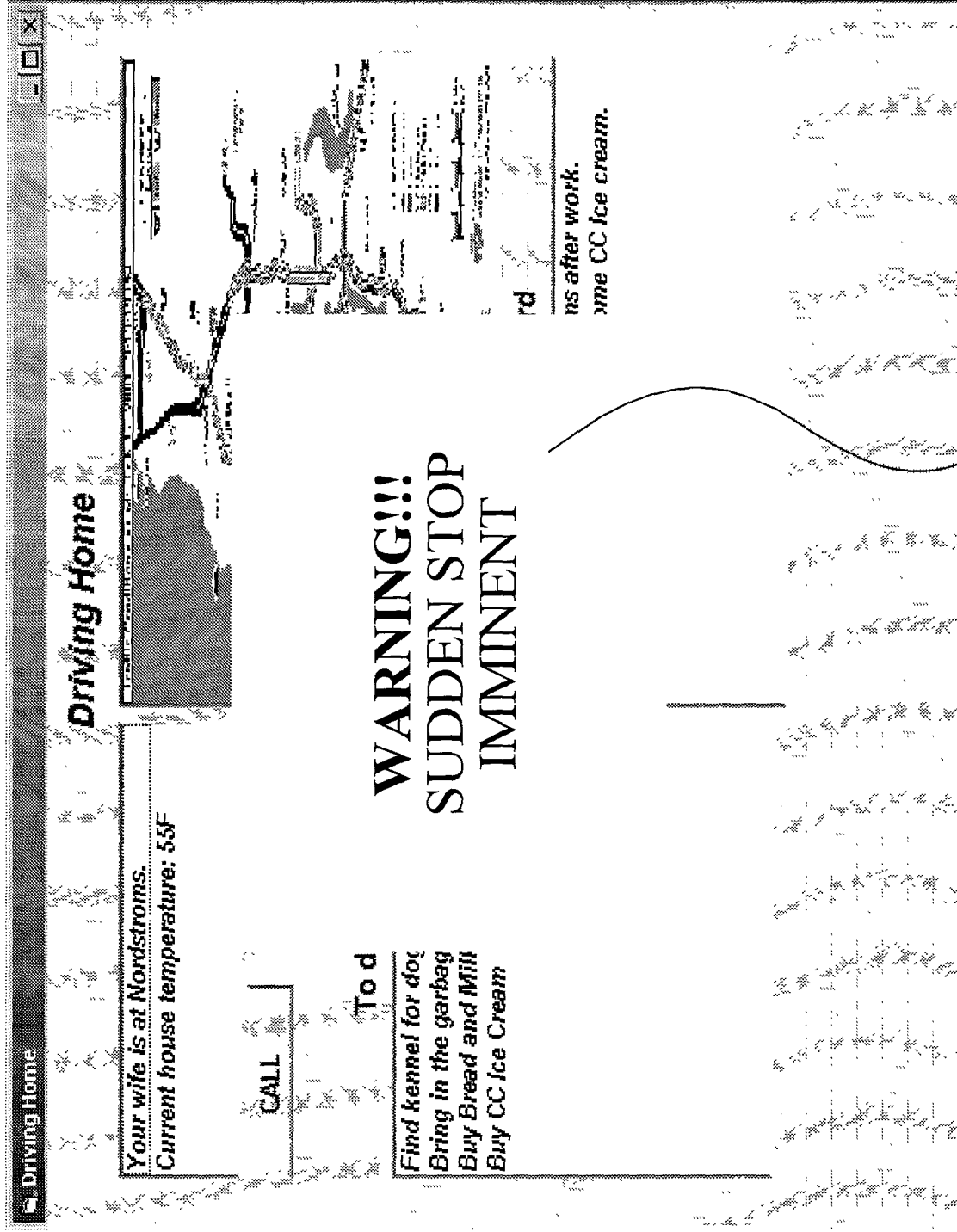


Fig. 11K 1190

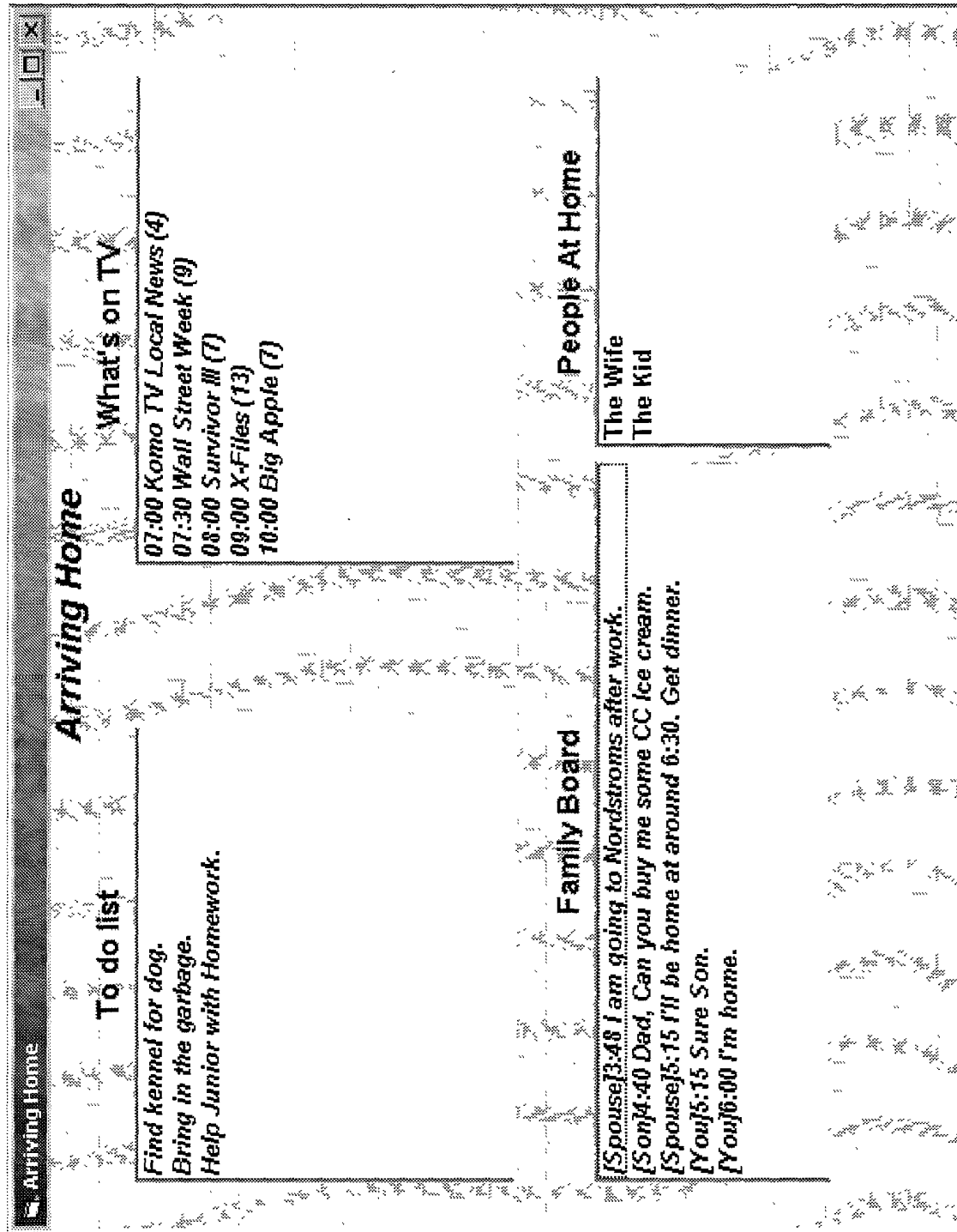


Fig. 11L

Example Current Theme Selection

Select A New Current Theme

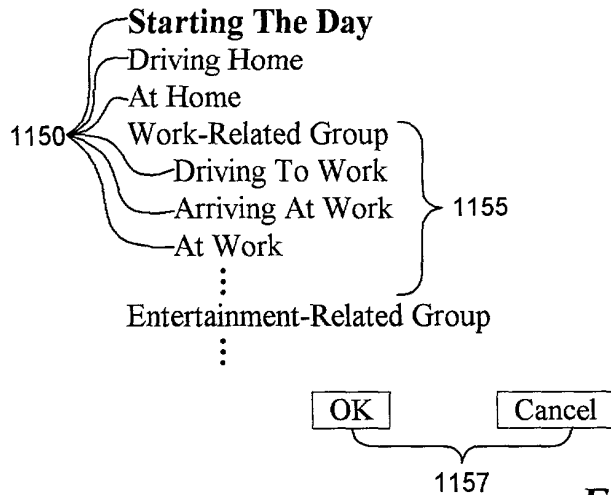


Figure 11M

Example Current Theme Set Modification

Current Theme Set

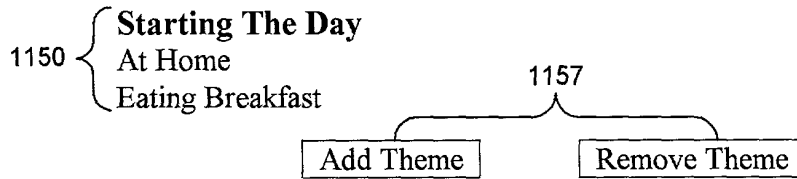


Figure 11N

Example Current Theme Layout Selection

Select A New Current Theme Layout

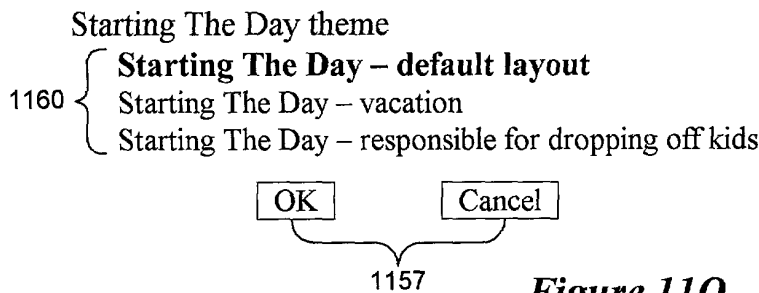


Figure 11O

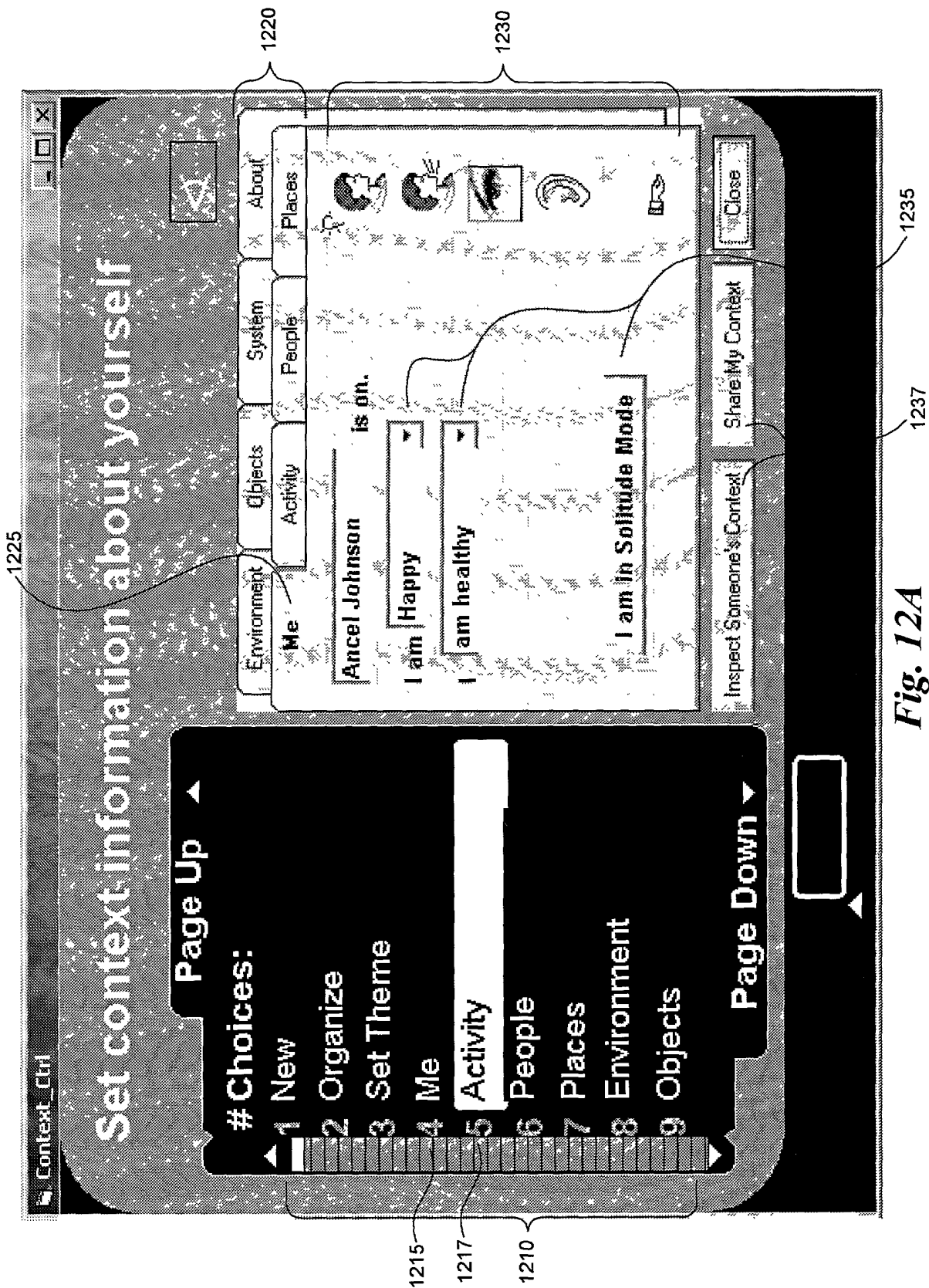


Fig. 12A

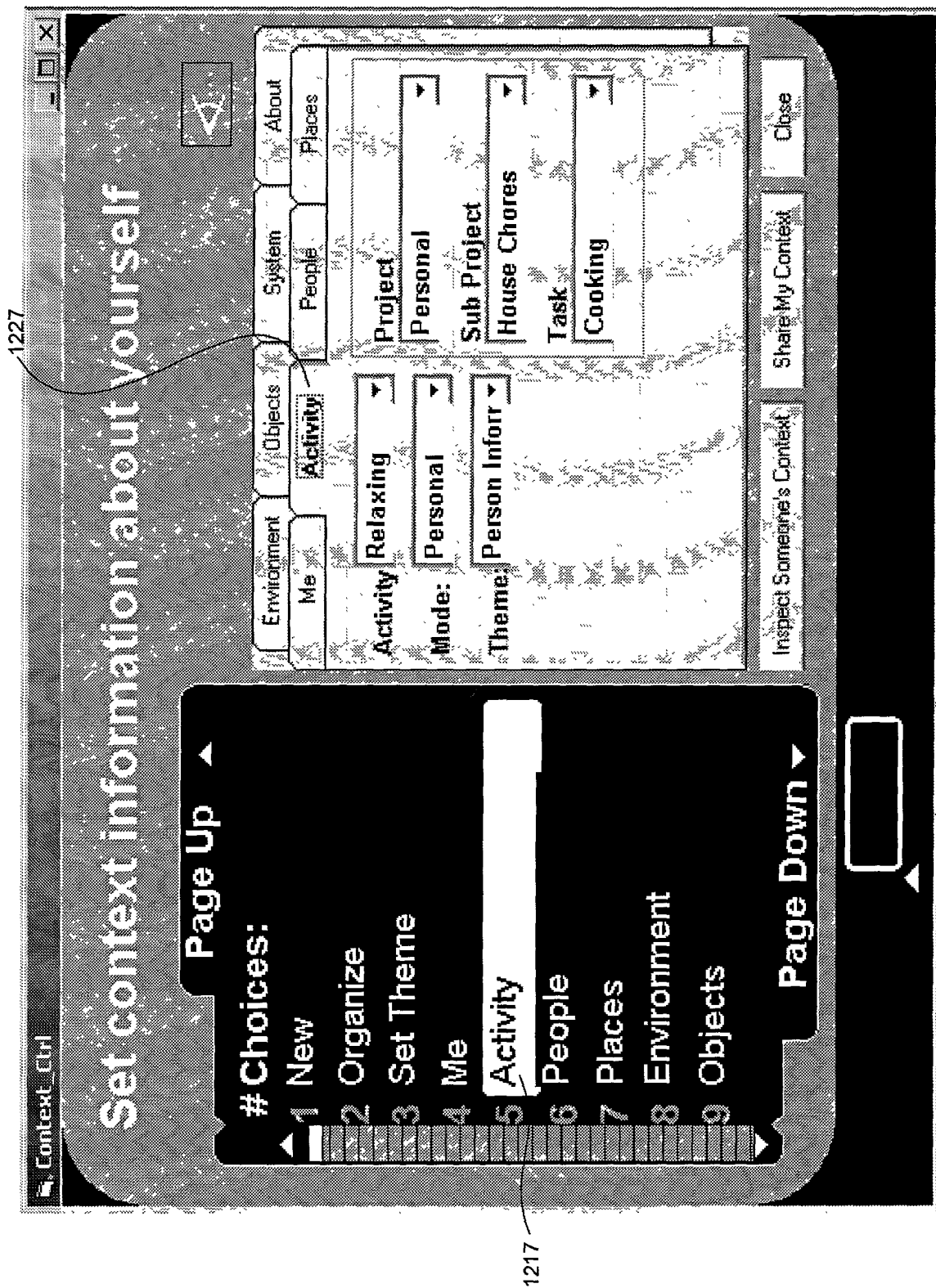


Fig. 12B

1241

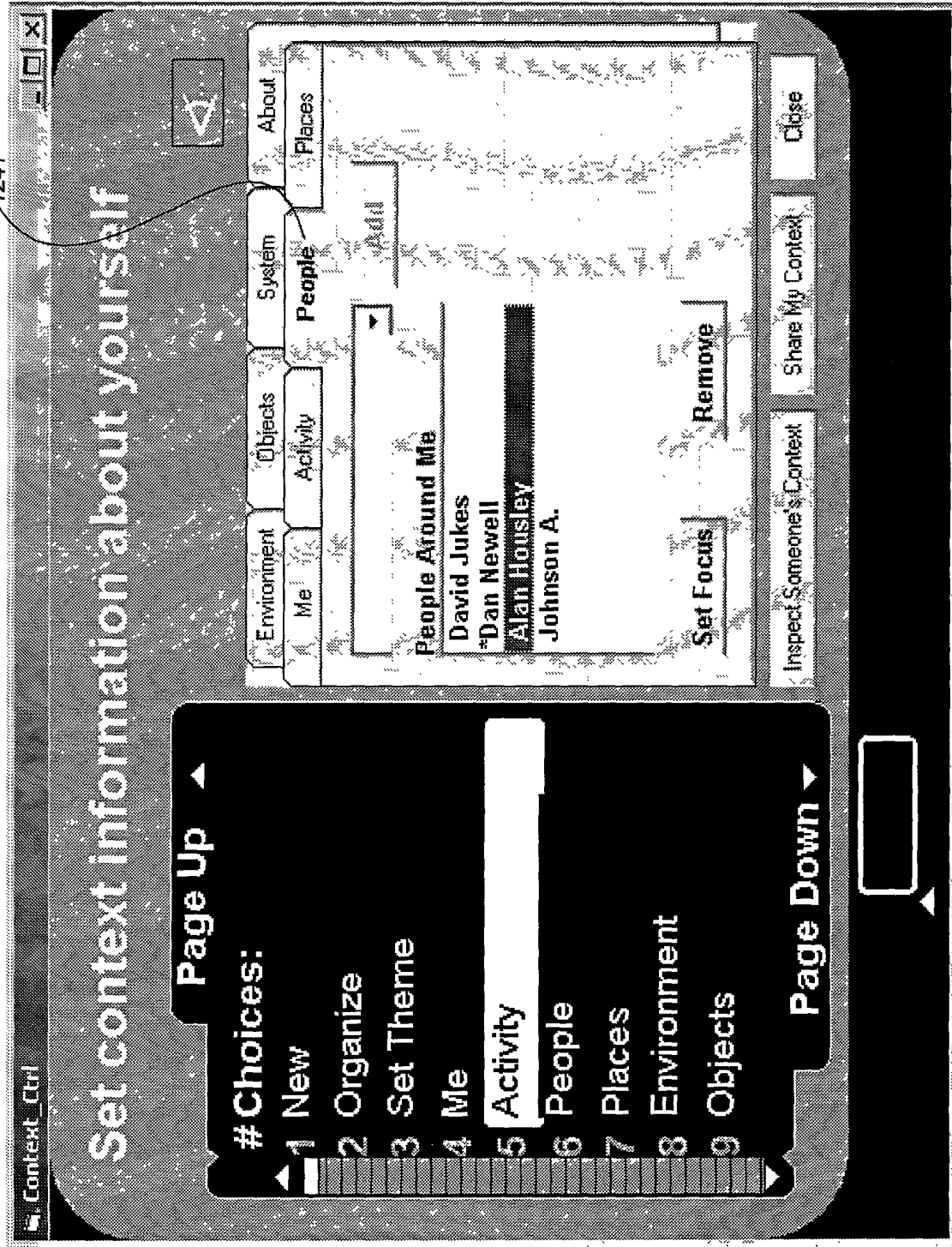


Fig. 12C

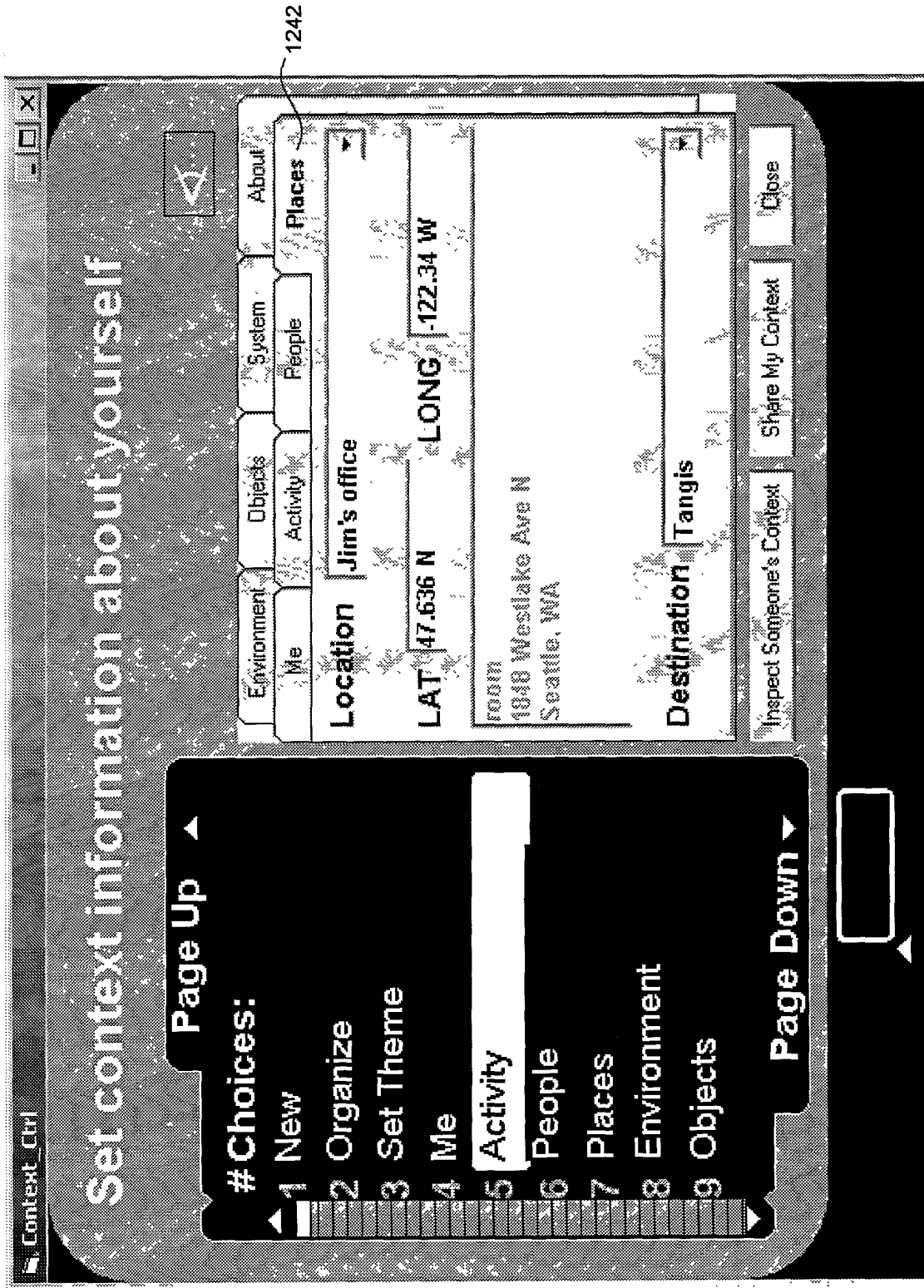


Fig. 12D

1243

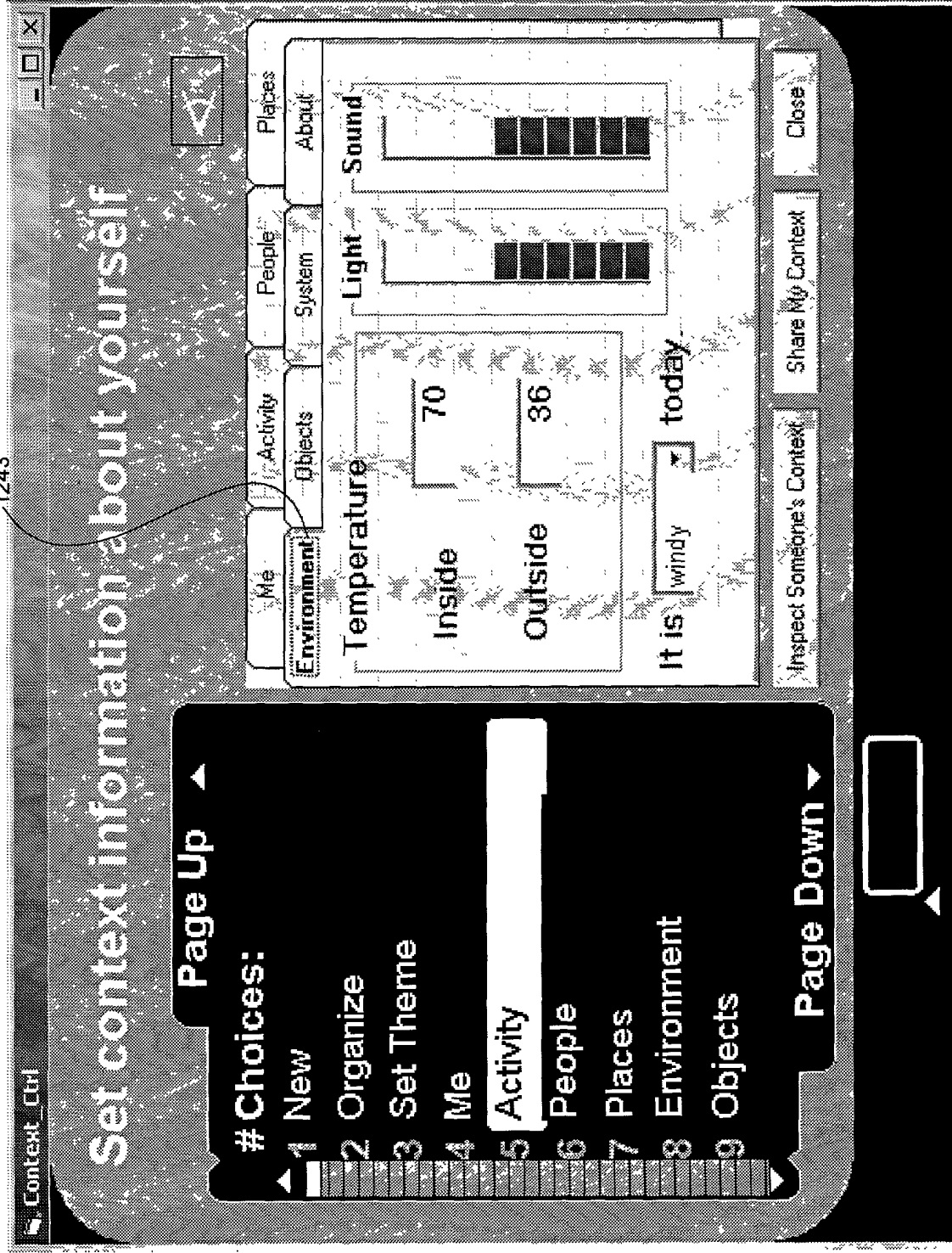


Fig. 12E

1244

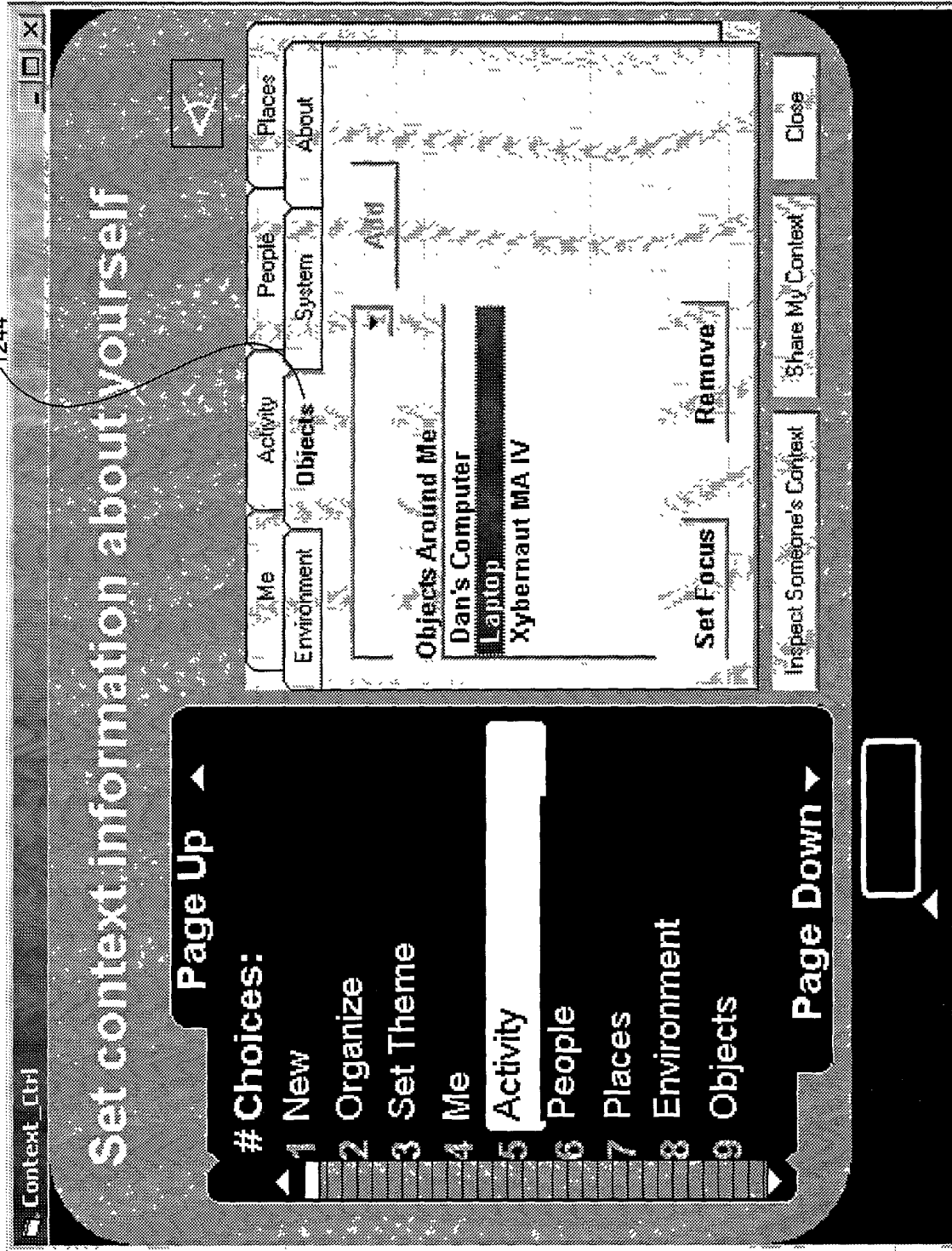


Fig. 12F

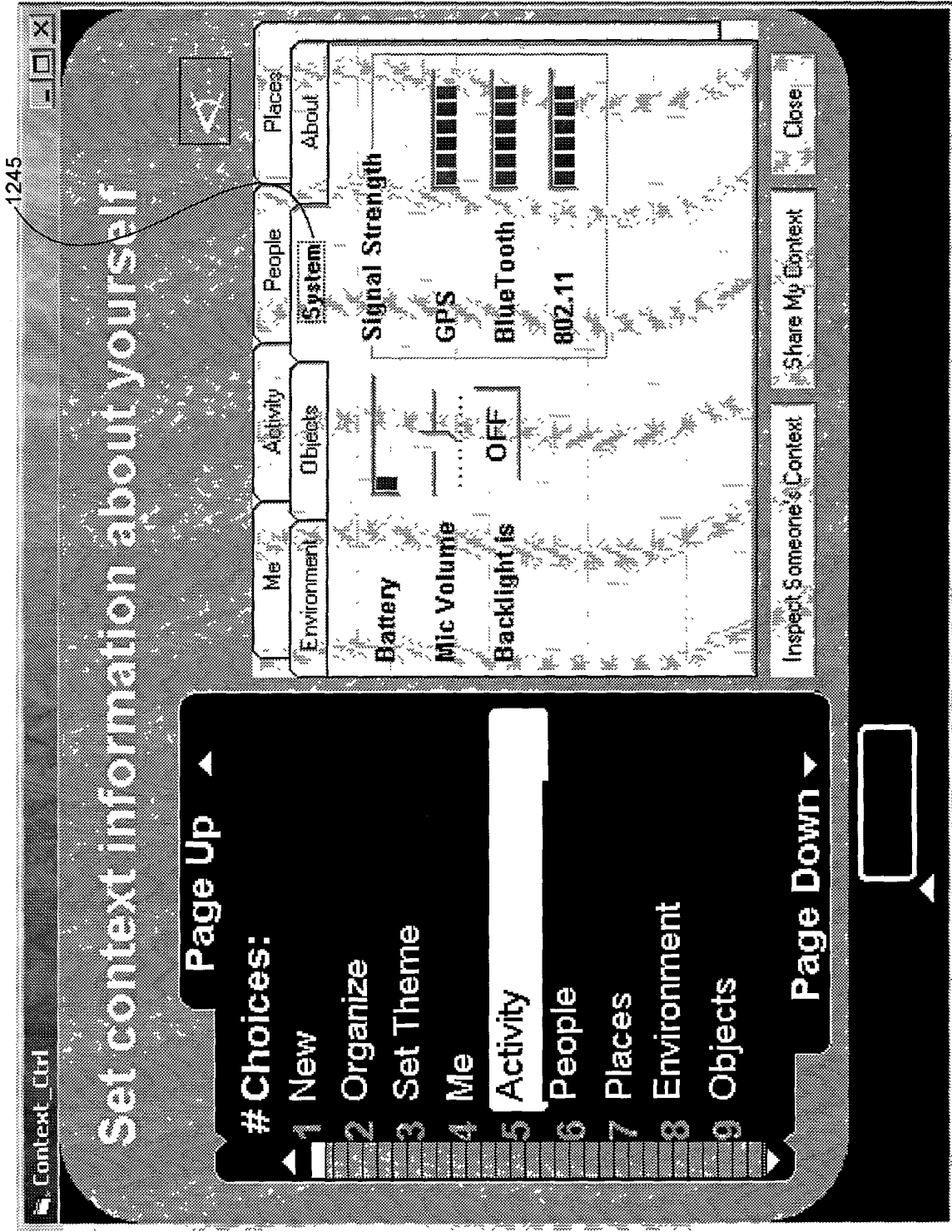


Fig. 12G

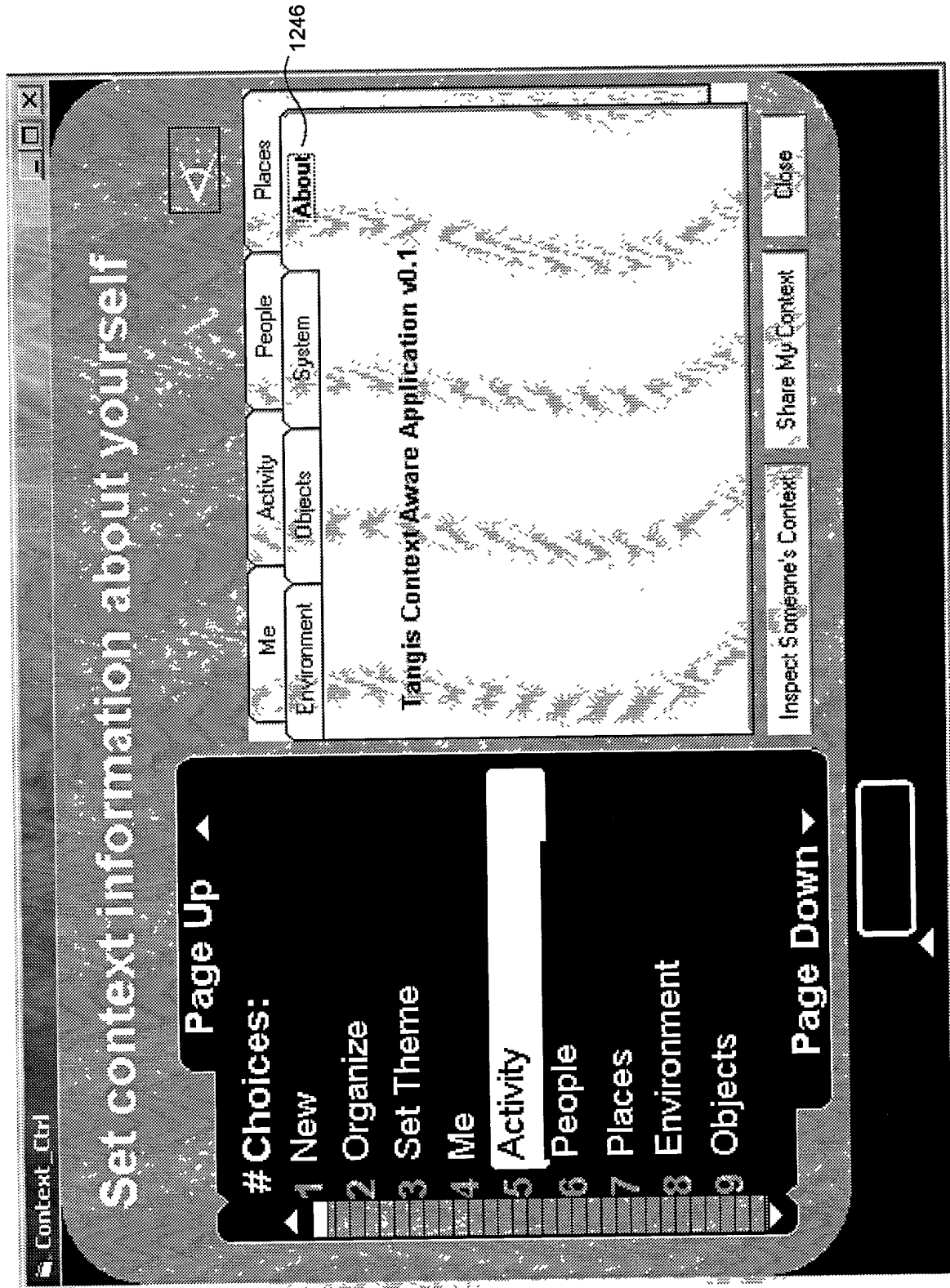
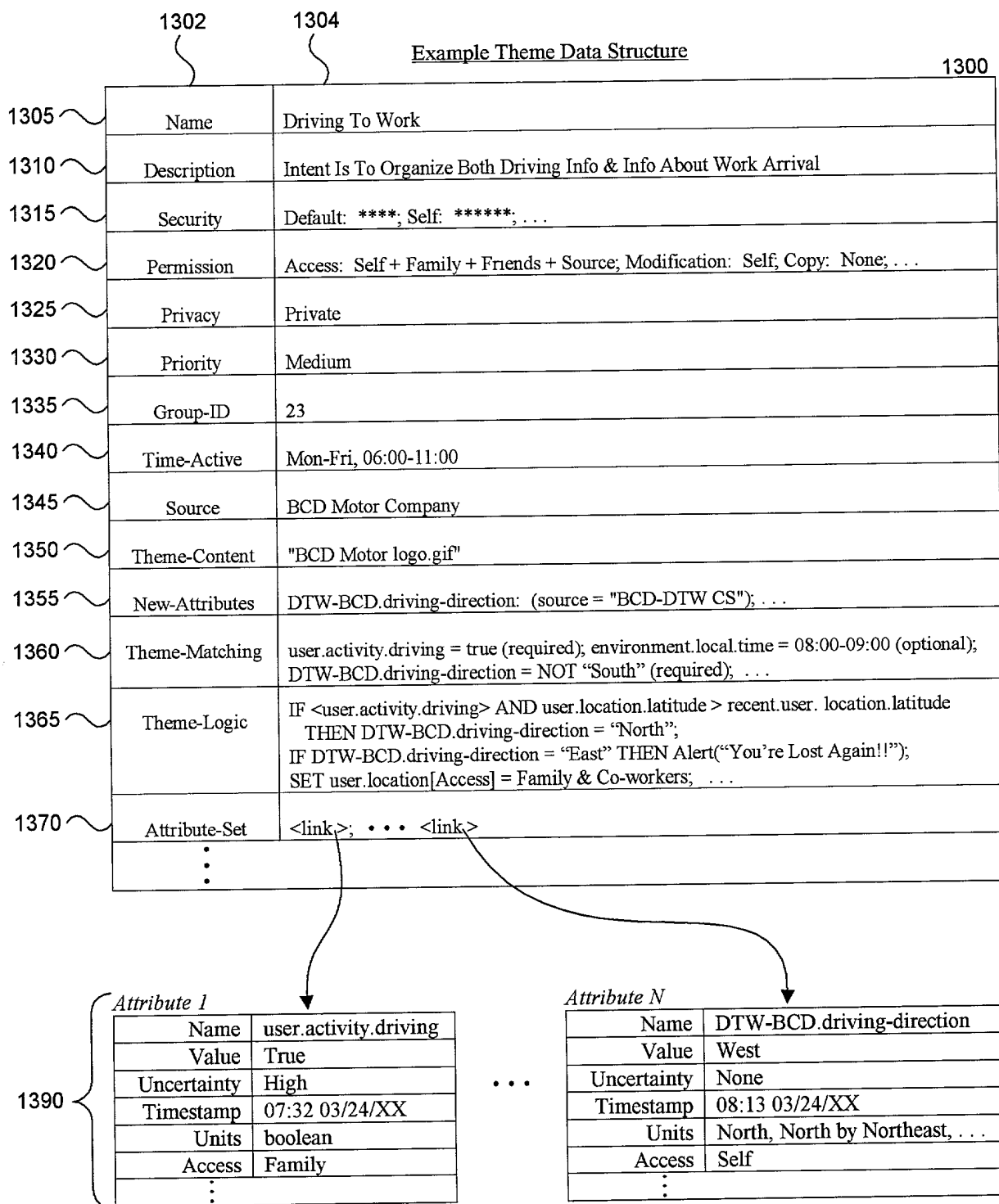


Fig. 12H



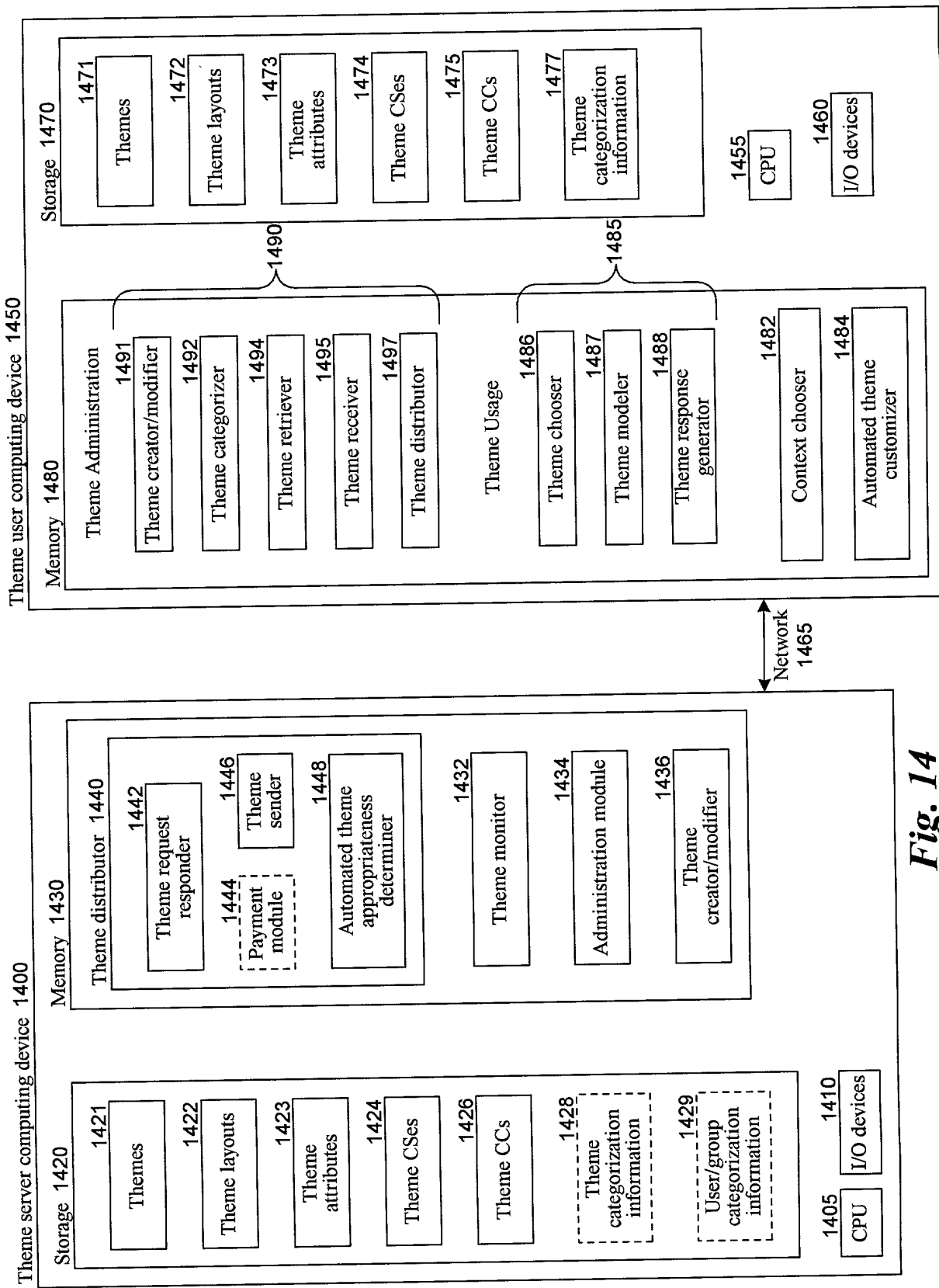


Fig. 14

Fig. 15

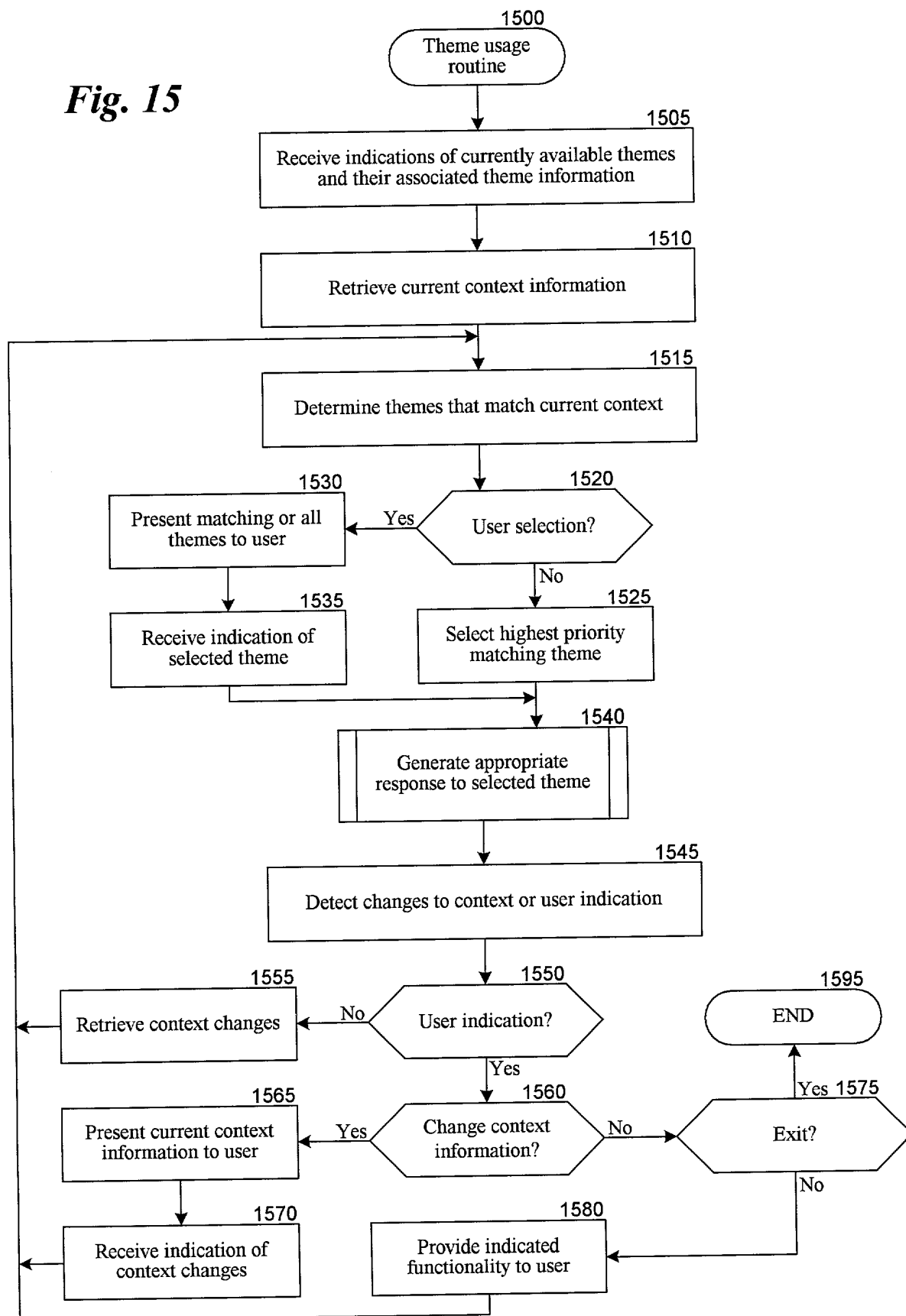


Fig. 16

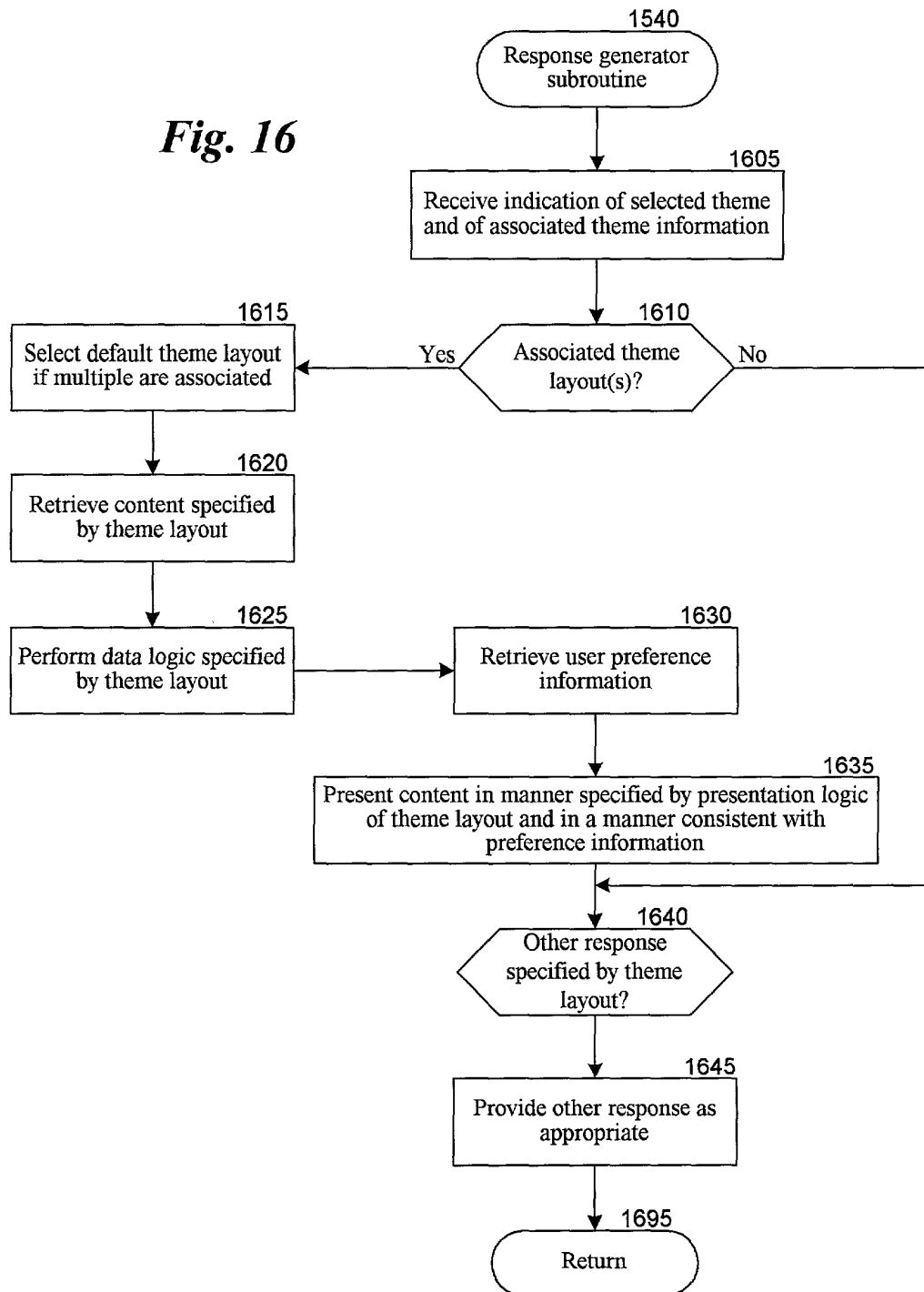


Fig. 17

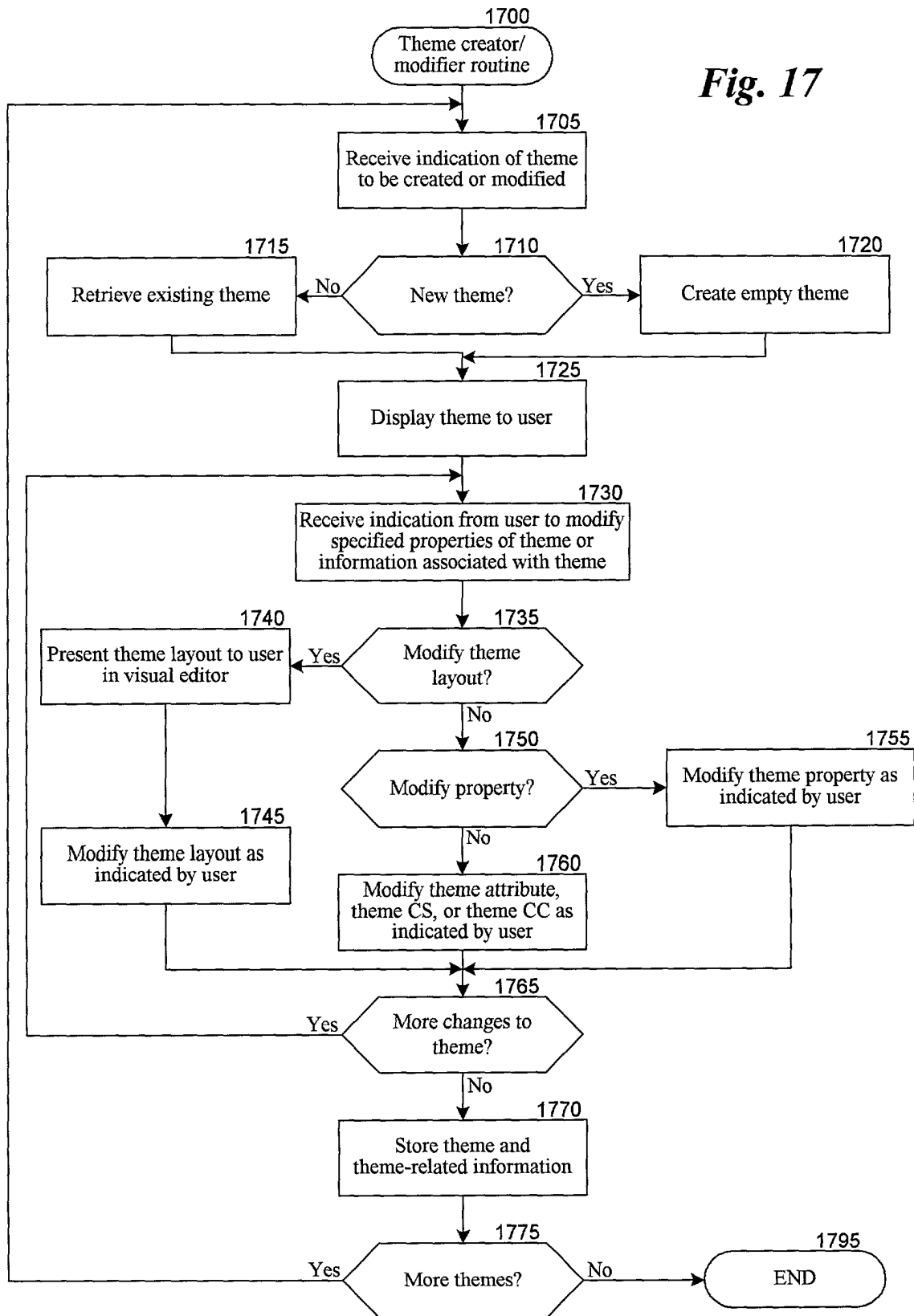


Fig. 18

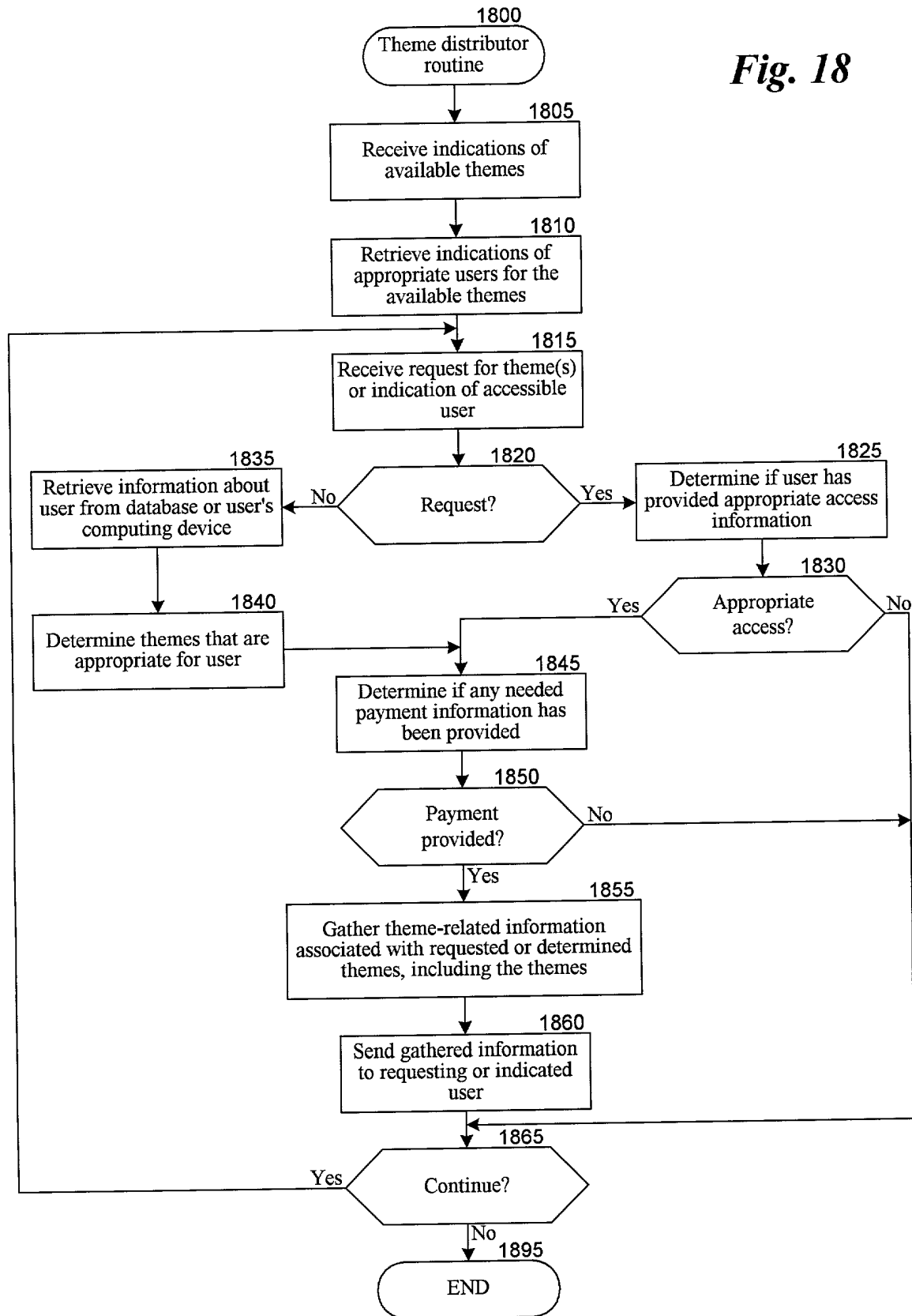


Fig. 19

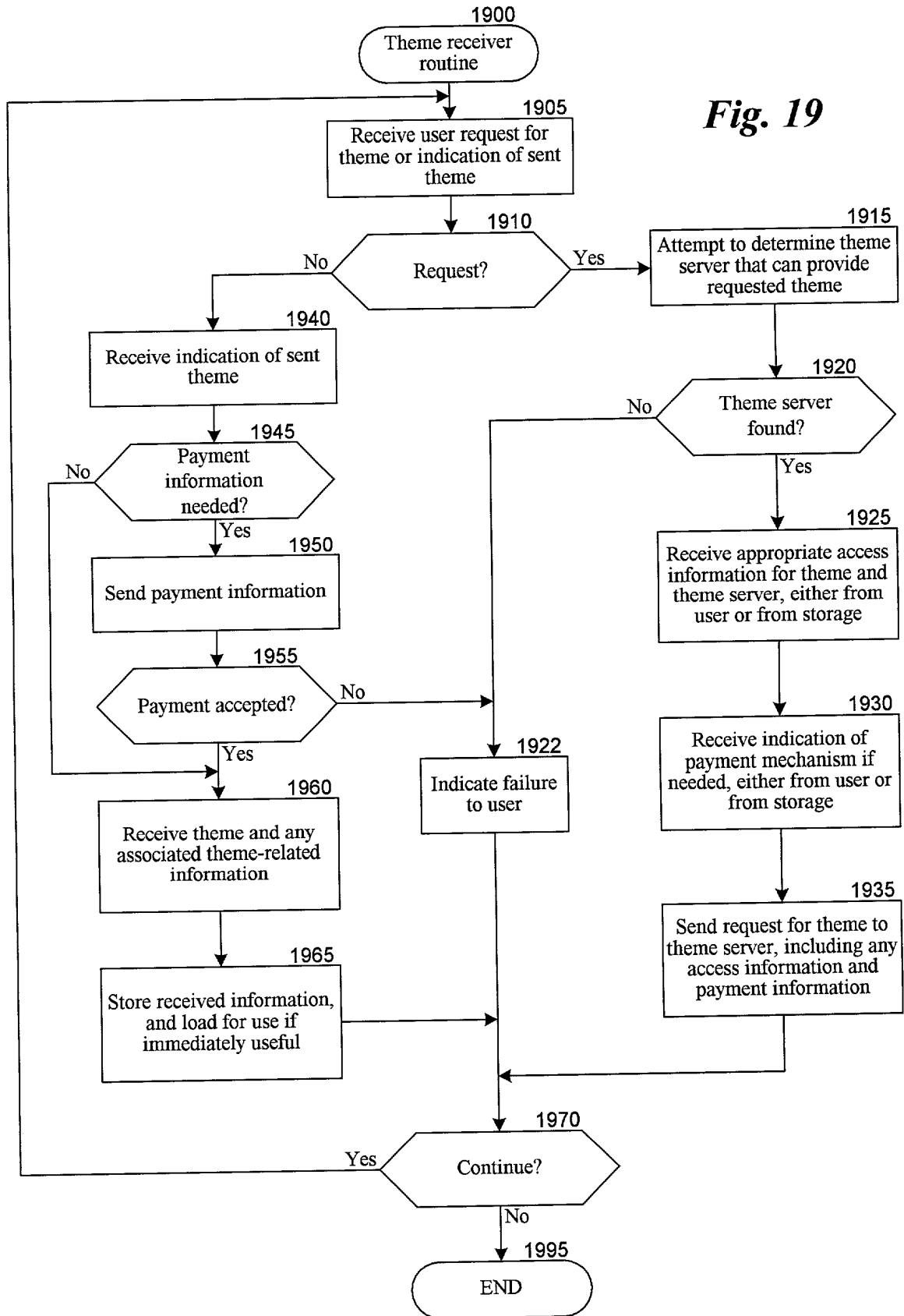


Fig. 20

